

## Biofunctional Antibodies

| Specificity                              | Clone    | Biofunction                                    | Application References   |
|--|----------|--|--|
| Mouse CD2 (LFA-2)                        | RM2-5    | Blocking <sup>1,2</sup>                        | 1. Nakamura, T., <i>et al.</i> , 1990. <i>J. Immunol.</i> 145:3628. ♦ 2. Ayroldi, E., <i>et al.</i> , 1997. <i>Blood</i> 89:3717.                        |
| Mouse CD2 (LFA-2)                        | RM2-5    | Costimulation <sup>1</sup>                     | 1. Cibotti, R., <i>et al.</i> , 1997. <i>Immunity</i> 6:245.   |
| Mouse CD3                                | 17A2     | Activation <sup>1</sup>                        | 1. Miescher, G.C., <i>et al.</i> , 1989. <i>Immunol. Lett.</i> 23:113.   |
| Mouse CD3                                | 17A2     | Depletion <sup>1</sup>                         | 1. Mysliwicz, J., <i>et al.</i> , 1992. <i>Blood</i> 80:2661.  |
| Mouse CD3ε (T3, C3e)                     | 145-2C11 | Inhibition <sup>1</sup>                        | 1. Leo, O., <i>et al.</i> , 1987. <i>PNAS</i> 84:1374.   |
| Mouse CD3ε (T3, C3e)                     | 145-2C11 | Apoptosis <sup>1</sup>                         | 1. Henrickson, M., <i>et al.</i> , 1995. <i>Transplantation</i> 60:828.  |
| Mouse CD3ε (T3, C3e)                     | 145-2C11 | Depletion <sup>1</sup>                         | 1. Han, W.R., <i>et al.</i> , 1999. <i>Transpl. Immunol.</i> 7:207.  |
| Mouse CD3ε (T3, C3e)                     | 145-2C11 | Activation <sup>1</sup>                        | 1. Wang, W., <i>et al.</i> , 2007. <i>J. Immunol.</i> 178:4885.  |
| Mouse CD4 (L3T4, T4)                     | GK1.5    | Blocking <sup>1</sup>                          | 1. Dialynas, D.P., <i>et al.</i> , 1983. <i>J. Immunol.</i> 131:2445.  |
| Mouse CD4 (L3T4, T4)                     | GK1.5    | Costimulation <sup>1</sup>                     | 1. Wu, L., <i>et al.</i> , 1991. <i>J. Exp. Med.</i> 174:1617.   |
| Mouse CD4 (L3T4, T4)                     | GK1.5    | Depletion <sup>1</sup>                         | 1. Israelski, D.M., <i>et al.</i> , 1989. <i>J. Immunol.</i> 142:954.  |
| Mouse CD4 (L3T4, T4)                     | RM4-5    | Depletion <sup>1</sup>                         | 1. Kruisbeek, A.M., 1991. <i>Curr. Protocols Immunol.</i> pp. 4.11-4.15.   |
| Mouse CD4 (L3T4, T4)                     | RM4-5    | Blocking <sup>1</sup>                          | 1. Kruisbeek, A.M., 1991. <i>Curr. Protocols Immunol.</i> pp. 4.11-4.15.   |
| Mouse CD8a (T8, Ly-2)                    | 53-6.7   | Depletion <sup>1</sup>                         | 1. Hathcock, K.S., 1991. <i>Curr. Protocols Immunol.</i> pp. 3.4.1 - 3.4.3.  |
| Mouse CD8a (T8, Ly-2)                    | 53-6.7   | Blocking <sup>1,2</sup>                        | 1. Takahashi, K., <i>et al.</i> , 1992. <i>PNAS</i> 89:5557. ♦ 2. Ledbetter, J.A., <i>et al.</i> , 1981. <i>J. Exp. Med.</i> 153:1503.                   |
| Mouse CD11a (LFA-1 α chain, integrin αL) | M17/4    | Blocking <sup>1,2</sup>                        | 1. Sanchez-Madrid, F., <i>et al.</i> , 1982. <i>Cell Immunol.</i> 73:1. ♦ 2. Kuhlman, P., <i>et al.</i> , 1991. <i>J. Immunol.</i> 146:1773.             |
| Mouse CD11b (Mac-1, integrin αM)         | M1/70    | Blocking <sup>1</sup>                          | 1. Springer, T.A., <i>et al.</i> , 1982. <i>Immunol. Rev.</i> 68:171.  |
| Mouse CD16/32 (FcγR III)                 | 93       | Blocking <sup>1,2</sup>                        | 1. Oliver, A.M., <i>et al.</i> , 1999. <i>Hybridoma</i> 18:113. ♦ 2. Clements, J.L., <i>et al.</i> , 2006. <i>J. Immunol.</i> 177:905.                   |
| Mouse CD18 (β2 integrin)                 | M18/2    | Blocking <sup>1,2</sup>                        | 1. Zahalka, M.A., <i>et al.</i> , 1993. <i>J. Immunol.</i> 150:4466. ♦ 2. Ishida, Y., <i>et al.</i> , 1994. <i>Cell. Immunol.</i> 155:414.               |
| Mouse CD18 (β2 integrin)                 | M18/2    | Stimulation <sup>1</sup>                       | 1. Driessens, M.H.E., <i>et al.</i> , 1996. <i>J. Leukoc. Biol.</i> 60:758.  |
| Mouse CD19 (B4)                          | 6D5      | Induction/Protection of Apoptosis <sup>1</sup> | 1. Celikkaya, H., <i>et al.</i> , 2007. <i>Hybridoma</i> 26 (2):55.  |
| Mouse CD24 (HAS)                         | M1/69    | Induction <sup>1</sup>                         | 1. Springer, T., <i>et al.</i> , 1978. <i>Eur. J. Immunol.</i> 8:539.  |
| Mouse CD25 (IL-2R α)                     | 3C7      | Blocking <sup>1,2</sup>                        | 1. Ortega, R.G., <i>et al.</i> , 1984. <i>J. Immunol.</i> 133:1970. ♦ 2. Moreau, J.-L., <i>et al.</i> , 1987. <i>Eur. J. Immunol.</i> 17:929.            |
| Mouse CD25 (IL-2R α)                     | PC61     | Blocking <sup>1,2</sup>                        | 1. Ceredig, R., <i>et al.</i> , 1985. <i>Nature</i> 314:98. ♦ 2. Lowenthal, J.W., <i>et al.</i> , 1985. <i>J. Immunol.</i> 135:3988.                     |
| Mouse CD25 (IL-2R α)                     | PC61     | Depletion <sup>1,2</sup>                       | 1. Takahashi, T., <i>et al.</i> , 2000. <i>J. Exp. Med.</i> 192:303. ♦ 2. Lei, T.C., <i>et al.</i> , 2005. <i>Blood</i> 105:4865.                        |
| Mouse CD28 (TP44)                        | 37.51    | Blocking <sup>1,2</sup>                        | 1. Masten, B.J., <i>et al.</i> , 1997. <i>Am. J. Respir. Cell Mol. Biol.</i> 16:335. ♦ 2. Nishio, M., <i>et al.</i> , 1996. <i>J. Immunol.</i> 157:4347. |
| Mouse CD28 (TP44)                        | 37.51    | Costimulation <sup>1,2</sup>                   | 1. Gross, J.A., <i>et al.</i> , 1992. <i>J. Immunol.</i> 149:380. ♦ 2. Cibotti, R., <i>et al.</i> , 1997. <i>Immunity</i> 6:245.                         |
| Mouse CD28 (TP44)                        | E18      | Costimulation <sup>1</sup>                     | 1. Dennehy, K.M., <i>et al.</i> , 2006. <i>J. Immunol.</i> 176:5725.   |
| Mouse/Rat CD29 (Integrin β1)             | HMβ1-1   | Blocking <sup>1,2</sup>                        | 1. Noto, K., <i>et al.</i> , 1995. <i>Int. Immunol.</i> 7: 835. ♦ 2. Ridger, V.C., <i>et al.</i> , 2001. <i>J. Immunol.</i> 166:3484.                    |
| Mouse CD30 (Ki-1, TNFRSF8)               | mCD30.1  | Costimulation <sup>1</sup>                     | 1. Bowen, M.A., <i>et al.</i> , 1996. <i>J. Immunol.</i> 156:442.  |

Bulk Quotations for BioLegend's LEAF™ (Low Endotoxin, Azide-Free) products are available. Please inquire!

## Biofunctional Antibodies (continued)

| Specificity                           | Clone           | Biofunction                  | Application References   |
|---------------------------------------|-----------------|------------------------------|--|
| Mouse CD31 (PECAM-1)                  | 390             | Blocking <sup>1,2</sup>      | 1. Baldwin, H.S., et al., 1994. <i>Development</i> 120:2539. ♦ 2. DeLisser, H.M., et al., 1997. <i>Am. J. Pathol.</i> 151:671.             |
| Mouse CD31 (PECAM-1)                  | MEC13.3         | Blocking <sup>1,2</sup>      | 1. Vecchi, A., et al., 1994. <i>Eur. J. Cell Biol.</i> 63:247. ♦ 2. Christofidou-Solomidou, M., et al., 1997. <i>J. Immunol.</i> 158:4872. |
| Mouse CD40 (gp39R, TNFRSF5)           | 1C10            | Costimulation <sup>1,2</sup> | 1. Ferlin, W. G., et al., 1998. <i>Eur. J. Immunol.</i> 28:525. ♦ 2. Heath, A., et al., 1994. <i>Eur. J. Immunol.</i> 24:1828.             |
| Mouse CD40 (gp39R, TNFRSF5)           | 1C10            | Blocking <sup>1,2</sup>      | 1. Peláez, B., et al., 2001. <i>J. Immunol.</i> 166:6608. ♦ 2. Zhang, P., et al., 2007. <i>J. Immunol.</i> 178:474.                        |
| Mouse CD40 (gp39R, TNFRSF5)           | HM40-3          | Blocking <sup>1</sup>        | 1. Kawano, T., et al., 1997. <i>Science</i> 278:1626.  |
| Mouse CD40 (gp39R, TNFRSF5)           | HM40-3          | Costimulation <sup>1,2</sup> | 1. Kaneko, Y., et al., 1996. <i>Eur. J. Immunol.</i> 26:3061. ♦ 2. Akiba, H., et al., 1999. <i>J. Immunol.</i> 162:7058.                   |
| Mouse/Human CD44 (p gp-1)             | IM7             | Blocking <sup>1,2</sup>      | 1. Camp, R.L., et al., 1993. <i>J. Exp. Med.</i> 178:497. ♦ 2. Weiss, J.M., et al., 1997. <i>J. Cell Biol.</i> 137:1137.                   |
| Mouse CD45R (B220)                    | RA3-6B2         | Activation <sup>1,2</sup>    | 1. George, A., et al., 1994. <i>J. Immunol.</i> 152:1014. ♦ 2. Domiati-Saad, R., et al., 1993. <i>J. Immunol.</i> 151:5936.                |
| Mouse CD48 (Blast-1)                  | HM48-1          | Costimulation <sup>1,2</sup> | 1. Kato, K., et al., 1992. <i>J. Exp. Med.</i> 176:1241. ♦ 2. Qin, L., et al., 1994. <i>J. Exp. Med.</i> 179:341.                          |
| Mouse CD48 (Blast-1)                  | HM48-1          | Blocking <sup>1</sup>        | 1. Kato, K., et al., 1992. <i>J. Exp. Med.</i> 176:1241.   |
| Mouse CD48 (Blast-1)                  | HM48-1          | Inhibition <sup>1</sup>      | 1. Qin, L., et al., 1994. <i>J. Exp. Med.</i> 179:341.   |
| Mouse CD49b (α2 integrin)             | HMα2            | Blocking <sup>1,2</sup>      | 1. Miyake, S., et al., 1994. <i>Eur. J. Immunol.</i> 24:2000. ♦ 2. Arase, H., et al., 2001. <i>J. Immunol.</i> 167:1141.                   |
| Mouse CD49d (VLA-4, α4 integrin)      | R1-2            | Blocking <sup>1,2</sup>      | 1. Holzmann, B., et al., 1989. <i>Cell</i> 56:37. ♦ 2. Ferguson, T.A., et al., 1993. <i>J. Immunol.</i> 150:1172.                          |
| Mouse CD49d (VLA-4, α4 integrin)      | 9C10(MFR4.B)    | Blocking <sup>1,2</sup>      | 1. Kinashi, T., et al., 1994. <i>Blood Cells</i> 20:25. ♦ 2. Halvorson, M.J., et al., 1995. <i>J. Immunol.</i> 155:4567.                   |
| Mouse CD49e (VLA-5α, α integrin)      | 5H10-27 (MFR5)  | Blocking <sup>1,2</sup>      | 1. Kinashi, T., et al., 1994. <i>Blood Cells</i> 20:25. ♦ 2. Halvorson, M.J., et al., 1995. <i>J. Immunol.</i> 155:4567.                   |
| Mouse CD49e (VLA-5α, α integrin)      | 5H10-27 (MFR5)  | Costimulation <sup>1</sup>   | 1. Rich, S., et al., 1996. <i>J. Immunol.</i> 157:2916.  |
| Mouse/Rat CD49e (VLA-5α, α5 integrin) | HMa5-1          | Blocking <sup>1,2</sup>      | 1. Yasuda, M., et al., 1995. <i>Int. Immunol.</i> 7:251. ♦ 2. Noto, K., et al., 1995. <i>Int. Immunol.</i> 7:835.                          |
| Mouse/Human CD49f                     | GoH3            | Blocking <sup>1,2</sup>      | 1. Georas, S. N., et al., 1993. <i>Blood</i> 82:2872. ♦ 2. Nakamura, K., et al., 1997. <i>Biochem. Biophys. Res. Commun.</i> 235:524.      |
| Mouse CD51 (Integrin αV)              | H9.2B8          | Blocking <sup>1,2</sup>      | 1. Maxfield, S.R., et al., 1989. <i>J. Exp. Med.</i> 169:2173. ♦ 2. Piali, L., et al., 1995. <i>J. Cell Biol.</i> 130:451.                 |
| Mouse CD51 (Integrin αV)              | RMV-7           | Blocking <sup>1,2</sup>      | 1. Takahashi, K., et al., 1990. <i>J. Immunol.</i> 145:4371. ♦ 2. Narumiya, S., et al., 1994. <i>Int. Immunol.</i> 6:139.                  |
| Mouse CD54 (ICAM-1)                   | YN1/1.74        | Blocking <sup>1,2</sup>      | 1. Horley, K.J., et al., 1989. <i>EMBO J.</i> 8:2889. ♦ 2. Burns, A.R., et al., 1994. <i>J. Immunol.</i> 153:3189.                         |
| Mouse/Rat CD61 (β3 integrin)          | 2C9.G2 (HMβ3-1) | Blocking <sup>1,2</sup>      | 1. Piali, L., et al., 1995. <i>J. Cell Biol.</i> 130:451. ♦ 2. Ashkar, S., et al., 2000. <i>Science</i> 287:860.                           |
| Mouse/Rat CD61 (β3 integrin)          | 2C9.G2 (HMβ3-1) | Activation <sup>1</sup>      | 1. Moulder, K., et al., 1991. <i>J. Exp. Med.</i> 173:343.   |
| Mouse CD62L (L-selectin)              | MEL-14          | Blocking <sup>1,2</sup>      | 1. Gallatin, W.M., et al., 1983. <i>Nature</i> 304:30. ♦ 2. Siegelman, M.H., et al., 1990. <i>Cell</i> 61:611.                             |
| Mouse CD70 (CD27R)                    | FR70            | Blocking <sup>1,2</sup>      | 1. Akiba, H. H., et al., 1999. <i>J. Immunol.</i> 162:7058. ♦ 2. Takeda, K., et al., 2000. <i>J. Immunol.</i> 164:1741.                    |
| Mouse CD80 (B7-1)                     | 16-10A1         | Blocking <sup>1,2</sup>      | 1. Razi-Wolf, Z., et al., 1992. <i>PNAS</i> 89:4210. ♦ 2. Hathcock, K.S., et al., 1994. <i>J. Exp. Med.</i> 180:631.                       |
| Mouse/Rat CD81 (TAPA-1)               | Eat-2           | Induction <sup>1</sup>       | 1. Maecker, H. T., et al., 2000. <i>Hybridoma</i> 19:15.   |
| Mouse/Rat CD81 (TAPA-1)               | Eat-2           | Costimulation <sup>1</sup>   | 1. Maecker, H. T., et al., 2000. <i>Hybridoma</i> 19:15.   |
| Mouse/Rat CD81 (TAPA-1)               | Eat-2           | Activation <sup>1</sup>      | 1. Clark, K. L., et al., 2001. <i>J. Immunol.</i> 167:5115.  |

Bulk Quotations for BioLegend's LEAF™ (Low Endotoxin, Azide-Free) products are available. Please inquire!

## Biofunctional Antibodies *(continued)*

| Specificity                           | Clone         | Biofunction                       | Application References  |
|---------------------------------------|---------------|-----------------------------------|---|
| Mouse CD86 (B7-2)                     | GL-1          | Blocking <sup>1,2</sup>           | 1. Hathcock, K.S., <i>et al.</i> , 1993. <i>Science</i> 262:905. ♦ 2. Inaba, K., M., <i>et al.</i> , 1994. <i>J. Exp. Med.</i> 180:1849.                |
| Mouse CD86 (B7-2)                     | PO3           | Blocking <sup>1,2</sup>           | 1. Nakajima, A., <i>et al.</i> , 1995. <i>Eur. J. Immunol.</i> 25:3060. ♦ 2. Saito, K., <i>et al.</i> , 1998. <i>J. Immunol.</i> 160:4225.              |
| Mouse CD86 (B7-2)                     | PO3           | Stimulation <sup>1</sup>          | 1. Kasprovicz, D.J., <i>et al.</i> , 2000. <i>J. Immunol.</i> 165:680.  |
| Mouse CD90 (Thy-1)                    | G7            | Activation <sup>1,2</sup>         | 1. Gunter, K.C., <i>et al.</i> , 1984. <i>J. Exp. Med.</i> 159:716. ♦ 2. Tentori, L., <i>et al.</i> , 1988. <i>J. Immunol.</i> 140:1089.                |
| Mouse CD90 (Thy-1)                    | G7            | Apoptosis <sup>1,2</sup>          | 1. Hueber, A.-O., <i>et al.</i> , 1994. <i>J. Exp. Med.</i> 179:785. ♦ 2. Ucker, D.S., <i>et al.</i> , 1992. <i>J. Immunol.</i> 149:1583.               |
| Mouse CD90.2 (Thy-1.2)                | 30-H12        | Depletion <sup>1,2</sup>          | 1. Hathcock, K.S. 1991. <i>Curr. Protocols Immunol.</i> p. 3.4.1 - 3.4.3. ♦ 2. Seaman, W.E., 1983. <i>J. Immunol.</i> 130:1713.                         |
| Mouse CD90.2 (Thy-1.2)                | 30-H12        | Costimulation <sup>1,2</sup>      | 1. Nakashima, I., <i>et al.</i> , 1991. <i>J. Immunol.</i> 147:1153. ♦ 2. Nakashima, I., <i>et al.</i> , 1993. <i>J. Immunol.</i> 151:3511.             |
| Mouse CD102 (ICAM-2)                  | 3C4 (MIC2/4)  | Blocking <sup>1</sup>             | 1. Xu, H., <i>et al.</i> , 1996. <i>J. Immunol.</i> 156:4909. ♦ 2. Gerwin, N., <i>et al.</i> , 1999. <i>Immunity</i> 10:9.                              |
| Mouse CD106 (VCAM-1)                  | 429 (MVCAM.A) | Blocking <sup>1,2</sup>           | 1. Kinashi, T., <i>et al.</i> , 1994. <i>Blood Cells</i> 20:25. ♦ 2. Meunier, M.-C., <i>et al.</i> , 2005. <i>Nature Medicine</i> 11:1222.              |
| Mouse CD120a (TNF R Type I/p55)       | 55R-170       | Blocking <sup>1</sup>             | 1. Sheehan, K. C., <i>et al.</i> , 1995. <i>J. Exp. Med.</i> 181:607.   |
| Mouse CD120a (TNF R Type I/p55)       | 55R-593       | Blocking <sup>1</sup>             | 1. Sheehan, K. C., <i>et al.</i> , 1995. <i>J. Exp. Med.</i> 181:607.   |
| Mouse CD120b (TNF R Type II/p75)      | TR75-32.4     | Blocking <sup>1</sup>             | 1. Sheehan, K. C., <i>et al.</i> , 1995. <i>J. Exp. Med.</i> 181:607.   |
| Mouse CD120b (TNF R Type II/p75)      | TR75-54.7     | Blocking <sup>1</sup>             | 1. Sheehan, K. C., <i>et al.</i> , 1995. <i>J. Exp. Med.</i> 181:607.   |
| Mouse CD121a (IL-1 R, Type I/p80)     | JAMA-147      | Blocking <sup>1</sup>             | 1. Rogers, H., K., <i>et al.</i> , 1992. <i>PNAS</i> 89:1011.   |
| Mouse CD122 (IL-2R β)                 | TM-β1         | Block <sup>1</sup>                | 1. Tanaka, T., <i>et al.</i> , 1991. <i>J. Immunol.</i> 147:2222.   |
| Mouse CD122 (IL-2R β)                 | TM-β1         | Depletion <sup>1</sup>            | 1. Tanaka, T., <i>et al.</i> , 1993. <i>J. Exp. Med.</i> 178:1103.  |
| Mouse/Rat CD126 (IL-6 R α chain)      | D7715A7       | Blocking <sup>1,2</sup>           | 1. Coulie, P. G., <i>et al.</i> , 1990. <i>Curr. Top. Microbiol. Immunol.</i> 166:43. ♦ 2. Vink, A., <i>et al.</i> , 1990. <i>J. Exp. Med.</i> 172:997. |
| Mouse CDw137 (4-1BB Ligand)           | TKS-1         | Blocking <sup>1</sup>             | 1. Akiba, H., <i>et al.</i> , 2000. <i>J. Exp. Med.</i> 191:375.  |
| Mouse CD137 (IL-3R β, common β chain) | 17B5          | Blocking <sup>1</sup>             | 1. Zheng, G., <i>et al.</i> , 2004. <i>J. Immunol.</i> 173:2428.  |
| Mouse CD150 (SLAM)                    | TC15-12F12.2  | Costimulation <sup>1</sup>        | 1. Castro, A.G., <i>et al.</i> , 1999. <i>J. Immunol.</i> 163:5860.   |
| Mouse CD150 (SLAM)                    | TC15-12F12.2  | Inhibition <sup>1</sup>           | 1. Jordan, M. A., <i>et al.</i> , 2007. <i>J. Immunol.</i> 178:1618.  |
| Mouse CD152 (CTLA-4)                  | 9H10          | Costimulation <sup>1</sup>        | 1. Krummel, M.F., <i>et al.</i> , 1995. <i>J. Exp. Med.</i> 182:459.  |
| Mouse CD152 (CTLA-4)                  | 9H10          | Blocking <sup>1,2</sup>           | 1. Krummel, M.F., <i>et al.</i> , 1995. <i>J. Exp. Med.</i> 182:459. ♦ 2. Krummel, M.F., <i>et al.</i> , 1996. <i>Int. Immunol.</i> 8:519.              |
| Mouse CD152 (CTLA-4)                  | UC10-4B9      | Blocking <sup>1,2</sup>           | 1. Walunas, T.L., <i>et al.</i> , 1994. <i>Immunity</i> 1:405. ♦ 2. McCoy, K., <i>et al.</i> , 1997. <i>J. Exp. Med.</i> 186:183.                       |
| Mouse CD153 (CD30L)                   | RM153         | Blocking <sup>1,2</sup>           | 1. Akiba, H., <i>et al.</i> , 2000. <i>J. Exp. Med.</i> 191:375. ♦ 2. Zeiser, R., <i>et al.</i> , 2007. <i>Blood</i> 109:2225.                          |
| Mouse CD154 (CD40L)                   | MR1           | Blocking <sup>1,2</sup>           | 1. Noelle, R.J., <i>et al.</i> , 1992. <i>PNAS</i> 89:6550. ♦ 2. Roy, M., <i>et al.</i> , 1995. <i>Eur. J. Immunol.</i> 25:596.                         |
| Mouse CD178 (FasL)                    | MFL3          | Blocking apoptosis <sup>1,2</sup> | 1. Fuller, C.L., <i>et al.</i> , 1999. <i>J. Immunol.</i> 162:6337. ♦ 2. Kayagaki, N., <i>et al.</i> , 1997. <i>PNAS</i> 94:3914.                       |
| Mouse/Rat CD178 (FasL)                | MFL4          | Blocking <sup>1,2</sup>           | 1. Trinité, B., <i>et al.</i> , 2000. <i>J. Immunol.</i> 165:4202. ♦ 2. Kayagaki, N., <i>et al.</i> , 1997. <i>PNAS</i> 94:3914.                        |
| Mouse CD178.1 (FasL)                  | Kay-10        | Blocking <sup>1,2</sup>           | 1. Kayagaki, N., <i>et al.</i> , 1997. <i>PNAS</i> 94:3914. ♦ 2. Hattori, K., <i>et al.</i> , 1998. <i>Blood</i> 91:4051.                               |
| Mouse CD180 (RP105)                   | RP/14         | Activation <sup>1,2</sup>         | 1. Miyake, K., <i>et al.</i> , 1994. <i>J. Exp. Med.</i> 180:1217. ♦ 2. Chan, V.W.F., <i>et al.</i> , 1998. <i>J. Exp. Med.</i> 188:93.                 |

Bulk Quotations for BioLegend's LEAF™ (Low Endotoxin, Azide-Free) products are available. Please inquire!

## Biofunctional Antibodies *(continued)*

| Specificity                                | Clone       | Biofunction                                      | Application References  |
|--|-------------|--|---|
| Mouse CD180 (RP105)                        | RP14        | Induction/Protection of Apoptosis <sup>1,2</sup> | 1. Miyake, K., <i>et al.</i> , 1994. <i>J. Exp. Med.</i> 180:1217. ♦ 2. Yamashita, Y., <i>et al.</i> , 1996. <i>J. Exp. Med.</i> 184:113.                 |
| Mouse CD210 (IL-10 R)                      | 1B1.3a      | Blocking <sup>1,2</sup>                          | 1. Iwashiro, M., <i>et al.</i> , 2001. <i>PNAS</i> 98:9226. ♦ 2. Vicari, A.P., <i>et al.</i> , 2002. <i>J. Exp. Med.</i> 196:541.                         |
| Mouse CD252 (OX40 Ligand)                  | RM134L      | Blocking <sup>1,2</sup>                          | 1. Akiba, H., <i>et al.</i> , 1999. <i>J. Immunol.</i> 162:7058. ♦ 2. Akiba, H., <i>et al.</i> , 2000. <i>J. Exp. Med.</i> 191:375.                       |
| Mouse CD253 (TRAIL)                        | N2B2        | Blocking <sup>1,2</sup>                          | 1. Kayagaki, N., <i>et al.</i> , 1999. <i>J. Immunol.</i> 163:1906. ♦ 2. Sato, K., <i>et al.</i> , 2005. <i>J. Immunol.</i> 174:4025.                     |
| Mouse CD262 (DR5, TRAIL-R2)                | MD5-1       | Cytotoxicity <sup>1,2</sup>                      | 1. Takeda, K., <i>et al.</i> , 2004. <i>J. Exp. Med.</i> 199:437. ♦ 2. Sato, K., <i>et al.</i> , 2005. <i>J. Immunol.</i> 174:4025.                       |
| Mouse CD273 (PD-L2, PDL2, B7DC)            | TY25        | Blocking <sup>1,2</sup>                          | 1. Ansari, M.J.I., <i>et al.</i> , 2003. <i>J. Exp. Med.</i> 198:63. ♦ 2. Yamazaki, T., <i>et al.</i> , 2005. <i>J. Immunol.</i> 175:1586.                |
| Mouse CD275 (B7-RP1, ICOSL, B7H2)          | HK5.3       | Blocking <sup>1,2</sup>                          | 1. Iwai, H., <i>et al.</i> , 2003. <i>J. Immunol.</i> 171:2848. ♦ 2. Kohyama, M., <i>et al.</i> , 2004. <i>Proc. Natl. Acad. Sci. USA</i> 101:4192        |
| Mouse CD279 (PD-1)                         | RMP1-14     | Blocking <sup>1</sup>                            | 1. Matsumoto, K., <i>et al.</i> , 2004. <i>J. Immunol.</i> 172:2530.  |
| Mouse CD284 (Toll-like Receptor 4, TLR4, ) | MT5510      | Blocking <sup>1</sup>                            | 1. Akashi, S., <i>et al.</i> , 2000. <i>J. Immunol.</i> 164:3471.   |
| Mouse CD314 (NKG2D)                        | A10         | Costimulation <sup>1,2</sup>                     | 1. Gilfillan S., <i>et al.</i> , 2002. <i>Nat. Immunol.</i> 3:1150. ♦ 2. Ho, E.L., <i>et al.</i> , 2002. <i>J. Immunol.</i> 169:3667.                     |
| Mouse CD314 (NKG2D)                        | C7          | Blocking <sup>1</sup>                            | 1. Gilfillan, S., <i>et al.</i> , 2002. <i>Nat. Immunol.</i> 3:1150.  |
| Mouse CD314 (NKG2D)                        | C7          | Redirected lysis <sup>1</sup>                    | 1. Ho, E.L., <i>et al.</i> , 2002. <i>J. Immunol.</i> 169:3667.   |
| Mouse GITR                                 | YGITR 765   | Stimulation <sup>1</sup>                         | 1. Tone, M., <i>et al.</i> , 2003. <i>PNAS</i> 100(25):15059.   |
| Mouse H-2L                                 | 28-14-8     | Blocking <sup>1</sup>                            | 1. Ozato, K., <i>et al.</i> , 1980. <i>J. Immunol.</i> 125:2473.  |
| Mouse I-A                                  | 25-9-17     | Activation <sup>1</sup>                          | 1. Ozato, K., <i>et al.</i> , 1981. <i>J. Immunol.</i> 126:317.   |
| Mouse I-A/I-E                              | M5/114.15.2 | Blocking <sup>1,2</sup>                          | 1. Shi, Y., <i>et al.</i> , 1998. <i>J. Exp. Med.</i> 187:367. ♦ 2. Kim, A., <i>et al.</i> , 2004. <i>Exp. and Mol. Med.</i> 36:428.                      |
| Mouse Integrin β7                          | FIB27       | Blocking <sup>1</sup>                            | 1. Andrew, D. P., <i>et al.</i> , 1994. <i>J. Immunol.</i> 153:3847.  |
| Mouse LPAM-1 (Integrin α4β7)               | DATK32      | Blocking <sup>1,2</sup>                          | 1. Andrew, D. P., <i>et al.</i> , 1994. <i>J. Immunol.</i> 153:3847. ♦ 2. Berlin-Rufenach, C., <i>et al.</i> , 1999. <i>J. Exp. Med.</i> 189:1467.        |
| Mouse Ly-6G/Ly-6C (Gr-1)                   | RB6-8C5     | Depletion <sup>1,2</sup>                         | 1. Stoppacciaro, A., <i>et al.</i> , 1993. <i>J. Exp. Med.</i> 178:151. ♦ 2. Czubynski, C.J., <i>et al.</i> , 1994. <i>J. Immunol.</i> 152:1836.          |
| Mouse MADCAM-1                             | MECA-367    | Blocking <sup>1,2</sup>                          | 1. Streeter, P. R., <i>et al.</i> , 1988. <i>Nature</i> 331:41. ♦ 2. Bargatze, R. F., <i>et al.</i> , 1995. <i>Immunity</i> 3:99.                         |
| Mouse MD-1                                 | MD-113      | Blocking <sup>1</sup>                            | 1. Nagai, Y., <i>et al.</i> , 2002. <i>Blood</i> 99:1699.   |
| Mouse NK-1.1                               | PK136       | Depletion <sup>1,2</sup>                         | 1. Senan, C.L., <i>et al.</i> , 1989. <i>J. Immunol.</i> 142:1847. ♦ 2. Koo, G.C., <i>et al.</i> , 1986. <i>J. Immunol.</i> 137:3742.                     |
| Mouse NK-1.1                               | PK136       | Stimulation <sup>1</sup>                         | 1. Karhofer, F.M., <i>et al.</i> , 1991. <i>J. Immunol.</i> 146:3662.   |
| Mouse NK-1.1                               | PK136       | Blocking <sup>1</sup>                            | 1. Kung, S.K., <i>et al.</i> , 1999. <i>J. Immunol.</i> 162:5876.   |
| Mouse TCR-β chain                          | H57-597     | Stimulation <sup>1,2</sup>                       | 1. Kruisbeek, A., <i>et al.</i> , 1991. <i>Curr. Protocols Immunol.</i> pp. 3.12.1 ♦ 2. Davenport, C., <i>et al.</i> , 1995. <i>J. Immunol.</i> 155:3742. |
| Mouse TCR-β chain                          | H57-597     | Depletion <sup>1,2</sup>                         | 1. Drobyski, W., <i>et al.</i> , 1996. <i>Blood</i> 87:5355. ♦ 2. van der Heyde, H.C., <i>et al.</i> , 1995. <i>J. Immunol.</i> 154:3985.                 |
| Mouse γδ TCR                               | UC7-13D5    | Stimulation <sup>1</sup>                         | 1. Bluestone, J.A., <i>et al.</i> , 1991. <i>Immunol. Rev.</i> 120:5. 3.12.1 – 3.12.14.   |
| Mouse γδ TCR                               | UC7-13D5    | Depletion <sup>1,2</sup>                         | 1. Hiromatsu, K., <i>et al.</i> , 1992. <i>J. Exp. Med.</i> 175:49. ♦ 2. van der Heyde, H.C., <i>et al.</i> , 1995. <i>J. Immunol.</i> 154:3985.          |
| Rat CD8a                                   | G28         | Blocking <sup>1</sup>                            | 1. Torres-Nagel, N. <i>et al.</i> , 1992. <i>Eur. J. Immunol.</i> 22:2841.  |

Bulk Quotations for BioLegend's LEAF™ (Low Endotoxin, Azide-Free) products are available. Please inquire!

## Biofunctional Antibodies *(continued)*

| Specificity             | Clone    | Biofunction                           | Application References   |
|-------------------------|----------|---------------------------------------|--|
| Rat CD8b                | 341      | Blocking <sup>1</sup>                 | 1. Torres-Nagel, N., et al., 1992. <i>Eur. J. Immunol.</i> 22:2841.  |
| Rat CD8b                | 341      | Macrophage stimulation <sup>1,2</sup> | 1. Hirji, N., et al., 1997. <i>J. Immunol.</i> 158:1833. ♦ 2. Hirji, N., et al., 1998. <i>J. Immunol.</i> 160:6004.                                  |
| Rat CD28                | JJ319    | Costimulation <sup>1,2</sup>          | 1. Tacke, M., et al., 1995. <i>J. Immunol.</i> 154:5121. ♦ 2. Tacke, M., et al., 1997. <i>Eur. J. Immunol.</i> 27:239.                               |
| Rat CD49d               | MRα4-1   | Activation <sup>1</sup>               | 1. Yasuda, M., et al., 1995. <i>Int. Immunol.</i> 7:251.   |
| Rat CD49d               | MRα4-1   | Inhibition <sup>1,2</sup>             | 1. Yasuda, M., et al., 1995. <i>Int. Immunol.</i> 7:251. ♦ 2. Martinez-Lemus L., et al., 2005 <i>Am J Physiol Heart Circ Physiol</i> 289: H322-H329. |
| Rat CD80                | 3H5      | Blocking <sup>1,2</sup>               | 1. Maeda, K., et al., 1997. <i>Int. Immunol.</i> 9:993. ♦ 2. Bluestone, J.A. 1995. <i>Immunity</i> 2:555.  |
| Rat CD86                | 24F      | Blocking <sup>1,2</sup>               | 1. Maeda, K., et al., 1997. <i>Int. Immunol.</i> 9:993. ♦ 2. Bluestone, J.A. 1995. <i>Immunity</i> 2:555.  |
| Rat OX-40 Ligand        | ATM-2    | Blocking <sup>1,2</sup>               | 1. Satake, Y., et al., 2000. <i>Biochem. Biophys. Res. Commun.</i> 270:1041. ♦ 2. Yuan, X., et al., 2003. <i>J. Immunol.</i> 170:2949.               |
| Rat αβ TCR              | R73      | Activation <sup>1,2</sup>             | 1. Hunig, T. et al., 1989. <i>J. Exp. Med.</i> 169:73. ♦ 2. Mitnacht, R., et al., 1995. <i>Eur. J. Immunol.</i> 25:328.                              |
| Rat αβ TCR              | R73      | Depletion <sup>1,2</sup>              | 1. Yoshino, S., et al., 1992. <i>J. Exp. Med.</i> 175:907 ♦ 2. Mitnacht, R., et al., 1995. <i>Eur. J. Immunol.</i> 25:328.                           |
| Human CD2               | RPA-2.10 | Blocking <sup>1</sup>                 | 1. Aversa, G., et al., 1987. <i>Transplant. Proc.</i> 19:277.  |
| Human CD2               | TS1/8    | Blocking <sup>1</sup>                 | 1. Hughes, C.C.W., et al., 1996. <i>J. Biol. Chem.</i> 271:5369.   |
| Human CD3               | HIT3a    | Activation <sup>1,2</sup>             | 1. Sedelies, K. A., et al., 2004. <i>J. Biol. Chem.</i> 279:26581. ♦ 2. Rivollier, A., et al., 2004. <i>Blood</i> 104:4029.                          |
| Human CD3               | OKT3     | Activation <sup>1,2</sup>             | 1. Hibino, S., et al., 1998. <i>Biochem. Biophys. Res. Comm.</i> 250: 119 - 124. ♦ 2. Schwab, R., et al., 1985. <i>J. Immunol.</i> 135: 1714.        |
| Human CD3               | UCHT1    | T cell activation <sup>1,2</sup>      | 1. Graves, J., et al., 1991. <i>J. Immunol.</i> 146:2102. ♦ 2. Lafont, V., et al., 2000. <i>J. Biol. Chem.</i> 275:19282.                            |
| Human CD4               | OKT4     | Blocking <sup>1</sup>                 | 1. Finnegan, C.M., et al., 2007. <i>J. Virol.</i> 81: 5294.  |
| Human CD4               | RPA-T4   | Blocking <sup>1,2</sup>               | 1. Knapp, W., et al., 1989. <i>Leucocyte Typing IV.</i> Oxford University Press. New York. ♦ 2. Moir, S., et al., 1999. <i>J. Virol.</i> 73:7972.    |
| Human CD8a              | RPA-T8   | Costimulation <sup>1</sup>            | 1. Magidovich, E., et al., 2007. <i>Proc. Natl. Acad. Sci. USA</i> 104: 13022.   |
| Human CD11a             | HI111    | Blocking <sup>1</sup>                 | 1. Béchar, D., et al., 2001. <i>J. Immunol.</i> 167:3099.  |
| Human CD11b             | ICRF44   | Blocking <sup>1,2</sup>               | 1. Rezzonico, R., et al., 2001. <i>Blood</i> 97:2932. ♦ 2. Marsik, C., et al., 2003. <i>Shock</i> 20:493.  |
| Human CD11b (activated) | CBRM1/5  | Blocking <sup>1,2</sup>               | 1. Diamond, M., et al., 1993. <i>J. Cell Biol.</i> 120:545. ♦ 2. Oxvig, C. et al., 1999. <i>PNAS</i> 96:2215.  |
| Human CD11c             | 3.9      | Inhibition <sup>1,2</sup>             | 1. Zafran, Y., et al., 1998. <i>Infect. Immun.</i> 66:4541 ♦ 2. Baniyash, M., et al., 1987. <i>J. Immunol.</i> 138:2999                              |
| Human CD13              | WM15     | Blocking <sup>1,2</sup>               | 1. Saiki, I., et al., 1993. <i>Int J Cancer.</i> 54:137. ♦ 2. Rosenzweig, M., et al., 2000. <i>Blood</i> 95:453.                                     |
| Human CD14              | M5E2     | Blocking <sup>1</sup>                 | 1. Power, C. P., et al., 2004. <i>J. Immunol.</i> 173:5229.  |
| Human CD16              | 3G8      | Blocking <sup>1,2</sup>               | 1. Tamm, A., et al., 1996. <i>Immunol.</i> 157:1576. ♦ 2. Holl, V., et al., 2004. <i>J. Immunol.</i> 173:6274.                                       |
| Human CD16              | 3G8      | Stimulation <sup>1,2</sup>            | 1. Hoshino, S., et al., 1991. <i>Blood</i> 78:3232. ♦ 2. Dall'Ozzo, S. et al., 2004. <i>Cancer Res.</i> 64:4664.                                     |
| Human CD18              | TS1/18   | Inhibition <sup>1,2</sup>             | 1. Van Epps, D. E., et al., 1989. <i>J. Immunol.</i> 143:3207. ♦ 2. Meerschaert, J., et al., 1994. <i>J. Immunol.</i> 152:1915.                      |
| Human CD28              | CD28.2   | Costimulation <sup>1,2</sup>          | 1. Marti, F., et al., 2001. <i>J. Immunol.</i> 166:197. ♦ 2. Jeong, S-H., et al., 2004. <i>J Virol.</i> 78:6995.                                     |
| Human CD29              | TS2/16   | Activation <sup>1,2</sup>             | 1. Sanchez-Aparicio, P., et al., 1994. <i>J. Cell Biol.</i> 126:271. ♦ 2. Porter, J.C. and Hogg, N., 1997. <i>J. Cell Biol.</i> 138:1437.            |

Bulk Quotations for BioLegend's LEAF™ (Low Endotoxin, Azide-Free) products are available. Please inquire!

## Biofunctional Antibodies (continued)

| Specificity                                   | Clone     | Biofunction                               | Application References   |
|---|-----------|---|--|
| Human CD31                                    | WM59      | Blocking <sup>1</sup>                     | 1. Wu, X-W., et al., 1997. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> . 17:3154.  |
| Human CD33                                    | WM53      | Costimulation <sup>1</sup>                | 1. Garnache-Ottou, F., et al., 2005. <i>Blood</i> 105:1256.  |
| Human CD40                                    | G28.5     | B cell activation <sup>1</sup>            | 1. Ledbetter, J., et al., 1987. <i>J. Immunol.</i> 138:788.  |
| Human CD40                                    | HB14      | Costimulation <sup>1</sup>                | 1. Pound, J.D., et al., 1999. <i>Int. Immunol.</i> 11:11. ♦ 2. Schlossman, S., et al., Eds. 1995. <i>Leucocyte Typing V</i> . Oxford University Press. New York. |
| Human CD42b                                   | HIP1      | Blocking <sup>1</sup>                     | 1. Takahashi, R., et al., 1999. <i>Blood</i> 93:1951.  |
| Human CD46                                    | MEM-258   | Blocking <sup>1,2</sup>                   | 1. Sirena, D. et al., 2004. <i>J. Virol.</i> 78:4454 ♦ 2. Fleischli, C. et al., 2007. <i>J. Gen. Virol.</i> 88:2925  |
| Human CD49b                                   | AK-7      | Blocking <sup>1,2</sup>                   | 1. Halasz, P. et al., 2005. <i>Cell. Immunol.</i> 236:179 ♦ 2. Coulson, B. et al., 1997. <i>PNAS</i> 94:5389   |
| Human CD49d                                   | 9F10      | Costimulation <sup>1,2</sup>              | 1. Jeong, S-H., et al., 2004. <i>J. Virol.</i> 78:6995. ♦ 2. Vogel, T. U., et al., 2002. <i>J. Immunol.</i> 169:4511.  |
| Human CD49e                                   | NKI-SAM-1 | Blocking <sup>1,2</sup>                   | 1. Kim, S., et al., 2000. <i>Am. J. Path</i> 156:1345. ♦ 2. Rehn, M., et al., 2001. <i>PNAS</i> 98:1024  |
| Human/Mouse CD49f                             | GoH3      | Blocking <sup>1,2</sup>                   | 1. Georas, S. N., et al., 1993. <i>Blood</i> 82:2872. ♦ 2. Nakamura, K., et al., 1997. <i>Biochem. Biophys. Res. Commun.</i> 235:524.                            |
| Human CD51                                    | NKI-M9    | Blocking <sup>1</sup>                     | 1. Grzeszkiewicz, T., et al., 2001. <i>J. Biol. Chem.</i> 276:21943  |
| Human CD51/61                                 | 23C6      | Blocking <sup>1,2</sup>                   | 1. Takahashi, R., et al., 1999. <i>Blood</i> 93:1951. ♦ 2. Deregibus, M.C., et al., 2007. <i>Blood</i> . doi:10.1182/blood-2007-03-078709                        |
| Human CD54                                    | HCD54     | Blocking <sup>1</sup>                     | 1. Personal communication.   |
| Human CD62L                                   | DREG-56   | Blocking <sup>1,2</sup>                   | 1. Kishimoto, T., et al., 1990. <i>PNAS</i> 87:2244. ♦ 2. Jutila, M., et al., 2002. <i>J. Immunol.</i> 169:1768.   |
| Human CD62P (P-Selectin)                      | AK4       | Blocking <sup>1,2</sup>                   | 1. Skinner, M., et al., 1991. <i>J. Biol. Chem.</i> 266:5371. ♦ 2. Owen, J.T., et al., 2000. <i>Blood</i> 96:1789.   |
| Human CD80                                    | 2D10      | Blocking <sup>1,2</sup>                   | 1. Ridge, J.P., et al., 1998. <i>Nature</i> 393:474. ♦ 2. Dilioglou, S., et al., 1998. <i>Exp. Mol. Path.</i> 75:217.  |
| Human CD84                                    | CD84.1.21 | Activation <sup>1</sup>                   | 1. Martin, M., et al., 2001. <i>J. Immunol.</i> 167:3668. ♦ 2. Sayós, J., et al., 2001. <i>Blood</i> 97:3867   |
| Human CD86                                    | IT2.2     | Blocking <sup>1,2</sup>                   | 1. Dieu, M. 1998. <i>J. Exp. Med.</i> 188:373. ♦ 2. Jeannin, P. et al., 1999. <i>J. Immunol.</i> 162:2044.   |
| Human CD95 (Fas)                              | EO59.1    | Apoptosis <sup>1,2</sup>                  | 1. Desbarats, J., et al., 2003. <i>Nat. Cell Biol.</i> 5:118. ♦ 2. Inoue, M., et al., 2005. <i>FEBS Ltrs.</i> 579:604.   |
| Human CD95 (Fas)                              | DX2       | Apoptosis <sup>1,2</sup>                  | 1. Cifone, M., et al., 1994. <i>J. Exp. Med.</i> 180:1547. ♦ 2. Bompard, G. et al., 2002. <i>J. Biol. Chem.</i> 49:47861   |
| Human CD117 (c-kit)                           | A3C6E2    | Blocking <sup>1</sup>                     | 1. Personal communication.   |
| Human CDw119 (IFN- $\gamma$ R $\alpha$ chain) | GIR-208   | Blocking <sup>1</sup>                     | 1. Sheehan, K., et al., 1988. <i>J. Immunol.</i> 140:4231. ♦ 2. Kishimoto, T., et al., Eds. 1997. <i>Leucocyte Typing VI</i> . Garland Publishing, Inc. London.  |
| Human CD129 (IL-9 Receptor)                   | AH9R7     | Blocking <sup>1,2</sup>                   | 1. De Smedt, M., et al., 2000. <i>J. Immunol.</i> 164:1761. ♦ 2. Pilette, C., et al., 2002. <i>J. Immunol.</i> 168:4103.   |
| Human CD137 (4-1BB)                           | 4B4-1     | Blocking <sup>1,2</sup>                   | 1. Salih, H. R., et al., 2000. <i>J. Immunol.</i> 165:2903. ♦ 2. Kienzle, G., et al., 2000. <i>Int. Immunol.</i> 12:73.  |
| Human CD147                                   | HIM6      | Blocking <sup>1,2</sup>                   | 1. Stonehouse, T.J., et al., 1999. <i>Immunol.</i> 96:35. ♦ 2. Woodhead, V.E., et al., 2000. <i>Int. Immunol.</i> 12:1051.                                       |
| Human CD150 (SLAM)                            | A12 (7D4) | Costimulation <sup>1,2</sup>              | 1. Garcia, V., et al., 2001. <i>J. Immunol.</i> 167:5719. ♦ 2. Aversa, G., et al., 1997. <i>J. Immunol.</i> 158:4036.  |
| Human CD154                                   | 24-31     | Blocking <sup>1,2</sup>                   | 1. Brams, P., et al., 2001. <i>Int. Immunopharmacol.</i> 1:277. ♦ 2. Rushworth, S.A., et al., 2002. <i>Transplantation</i> 73: 635.                              |
| Human CD178 (Fas-L)                           | NOK-1     | Blocks Fas induced apoptosis <sup>1</sup> | 1. Kayagaki, N., et al., 1995. <i>J. Exp. Med.</i> 182:1777.   |
| Human CD180 (RP105)                           | MHR73-11  | Stimulation <sup>1</sup>                  | 1. Miura, Y., et al., 1998. <i>Blood</i> 92:2815.  |

Bulk Quotations for BioLegend's LEAF™ (Low Endotoxin, Azide-Free) products are available. Please inquire!

## Biofunctional Antibodies *(continued)*

| Specificity                          | Clone      | Biofunction                                  | Application References   |
|--------------------------------------|------------|--|--|
| Human CD184 (CXCR4)                  | 12G5       | Blocking <sup>1,2</sup>                      | 1. Berndt, C., et al., 1998. <i>Proc. Natl. Acad. Sci. USA</i> 95:12556. ◆ 2. Ullrich, C. K., et al., 2000. <i>Blood</i> 96:1438.  |
| Human CD206 (MMR)                    | 15-2       | Blocking <sup>1,2</sup>                      | 1. Noorman, F., et al., 1997. <i>J. Leukoc. Biol.</i> 61:63. ◆ 2. Barrett-Bergshoeff, M., et al., 1997. <i>Thromb Haemost.</i> 77:718.   |
| Human CD210 (IL-10 R)                | 3F9        | Blocking <sup>1,2</sup>                      | 1. Liu, Y., et al., 1997. <i>J. Immunol.</i> 158:604. ◆ 2. Levings, M.K., et al., 2005. <i>Blood</i> 105:1162.   |
| Human CD218a (IL-18R alpha)          | H44        | Blocking <sup>1</sup>                        | 1. Vermot-Desroches, C., et al., 2005. <i>Cell Immunol.</i> 236:101.   |
| Human CD229 (Ly-9)                   | HLy-9.1.25 | Activation <sup>1,2</sup>                    | 1. de la Fuente, M. A., et al., 2001. <i>Blood</i> 97:3513. ◆ 2. Martin, M., et al., 2005. <i>J. Immunol.</i> 174:5977.3. Romero, X., et al., 2005. <i>J. Immunol.</i> 174:7033. |
| Human CD268 (BAFF-R, BAFFR)          | 11C1       | Blocking <sup>1,2</sup>                      | 1. Ng, L. G., et al., 2004. <i>J. Immunol.</i> 173:807. ◆ 2. Personal communication.   |
| Human/Mouse/Rat CD278 (ICOS)         | C398.4A    | Costimulation <sup>1,2</sup>                 | 1. Redoglia, V., et al., 1996. <i>Eur. J. Immunol.</i> 26:2781. ◆ 2. Arimura, Y., et al., 2004. <i>J. Biol. Chem.</i> 279:11408.   |
| Human CD314 (NKG2D)                  | 1D11       | Activation <sup>1,2</sup>                    | 1. Wu, J., et al., 2000. <i>J. Exp. Med.</i> 192:1059. ◆ 2. Groh, V., et al., 2001. <i>Nature Immunol.</i> 2:255.  |
| Human CD336 (Nkp44)                  | P44-8      | Blocking <sup>1,2</sup>                      | 1. Stark, S., et al., 2005. <i>J. Immunol. Methods</i> 296:149. ◆ 2. Nolte-t Hoen, E., et al., 2006. <i>Blood</i> DOI10.1182/blood-2006-07-036509                                |
| Human CD337 (Nkp30)                  | P30-15     | Blocking <sup>1</sup>                        | 1. Stark, S., et al., 2005. <i>J. Immunol. Methods</i> 296:149.  |
| Human Fn14/TWEAK Receptor            | ITEM-1     | Apoptosis <sup>1,2</sup>                     | 1. Nakayama, M., et al., 2003. <i>J. Immunol.</i> 170:341. ◆ 2. Felli, N., et al., 2005. <i>J. Immunol.</i> 175:1464.  |
| Human Fn14/TWEAK Receptor            | ITEM-1     | Blocking <sup>1</sup>                        | 1. Jin, L., et al., 2004. <i>J. Invest. Dermatol.</i> 122:1175.  |
| Human HLA-A,B,C                      | W6/32      | Activation <sup>1,2</sup>                    | 1. Turco, M.C. et al., 1988. <i>J. Immunol.</i> 141:2275. ◆ 2. Geppert, T.D. et al., 1989. <i>J. Immunol.</i> 142:3763.  |
| Human HLA-A,B,C                      | W6/32      | Blocking <sup>1,2</sup>                      | 1. DeFelice, M. et al., 1990. <i>Cell. Immunol.</i> 126:420. ◆ 2. Nagano, M., et al., 2007. <i>Blood</i> 110:151.  |
| Human HLA-DR                         | L243       | Blocking <sup>1,2</sup>                      | 1. Kalka-Moll, W. M., et al., 2002. <i>J. Immunol.</i> 169:1649. ◆ 2. Wang, R-F., et al., 1999. <i>Science</i> 284:1351.   |
| Human/Mouse Integrin β7              | FIB504     | Blocking <sup>1,2</sup>                      | 1. Andrew, D. P., et al., 1994. <i>J. Immunol.</i> 153:3847. ◆ 2. Rott, L. S., et al., 1996. <i>J. Immunol.</i> 156:3727.  |
| Human KIR2DL2/L3 (NKAT2)             | DX27       | Restores NK cell cytotoxicity <sup>1,2</sup> | 1. Bakker, A.B.H., et al., 1998. <i>J. Immunol.</i> 160:5239. ◆ 2. Valiante, N. M., et al., 1997. <i>Immunity</i> 7:739.   |
| Human KIR3DL1 (NKB1)                 | DX9        | Restores NK cell cytotoxicity <sup>1,2</sup> | 1. Bakker, A.B.H., et al., 1998. <i>J. Immunol.</i> 160:5239. ◆ 2. Valiante, N. M., et al., 1997. <i>Immunity</i> 7:739.   |
| Human Lymphotoxin b Receptor (LT-bR) | 31G4D8     | Induction of apoptosis <sup>1,2</sup>        | 1. Chen, M-C., et al., 2003. <i>J. Biol. Chem.</i> 278:16073. ◆ 2. Personal communication.   |
| Human MICA/MICB                      | 6D4        | Blocking <sup>1,2</sup>                      | 1. Groh, V., et al., 1999. <i>Proc. Natl. Acad. Sci. USA.</i> 96: 6879. ◆ 2. Groh, V., et al., 2001. <i>Nature Immunol.</i> 2:255.   |
| Human NTB-A (NTBA)                   | NT-7       | Block <sup>1,2</sup>                         | 1. Ward, J., et al., 2007. <i>Blood</i> 110:1207. ◆ 2. Personal communication.   |
| Human TL1A                           | 6E6        | Neutralization <sup>1</sup>                  | 1. Yang, CR., et al., 2004. <i>Cancer Res.</i> 64:1122.  |
| Human Toll-like Receptor 2 (TLR2)    | TL2.1      | Blocking <sup>1,2</sup>                      | 1. Flo, T., et al., 2000. <i>J. Immunol.</i> 164:2064. ◆ 2. Sugawara, S., et al., 2001. <i>Infect. Immun.</i> 69:4951.   |
| Human Toll-like Receptor 4 (TLR4)    | HTA125     | Blocking <sup>1,2</sup>                      | 1. Wang, R., et al., 2003. <i>Hybrid Hybridomics</i> 22:357. ◆ 2. Wang, J.E., et al., <i>Infect. Immun.</i> 69:2402.   |
| Human TRAIL                          | RIK-2      | Blocking <sup>1,2</sup>                      | 1. Kayagaki, N., et al., 1999. <i>J. Immunol.</i> 162:2639. ◆ 2. Uno, K., et al., 2003. <i>Blood</i> 101: 3658.  |
| Human TREM-1                         | TREM-26    | Activation <sup>1</sup>                      | 1. In-house testing.   |
| Human TWEAK                          | CARL-1     | Neutralization <sup>1,2</sup>                | 1. Nakayama, M., et al., 2000. <i>J. Exp. Med.</i> 192:1373. ◆ 2. Nakayama, M., et al., 2003. <i>J. Immunol.</i> 170:341.  |
| Human TWEAK                          | CARL-2     | Neutralization <sup>1</sup>                  | 1. Nakayama, M., 2000. <i>J. Exp. Med.</i> 192:1373.   |

Bulk Quotations for BioLegend's LEAF™ (Low Endotoxin, Azide-Free) products are available. Please inquire!