

## PE Mouse IgG2b, κ Isotype Ctrl Antibody

<b>Catalog# / Size</b>	400311 / 25 µg 400313 / 25 tests 400314 / 100 tests 400312 / 100 µg
<b>Clone</b>	MPC-11
<b>Regulatory Status</b>	RUO
<b>Isotype</b>	Mouse IgG2b, κ
<b>Description</b>	The MPC-11 immunoglobulin has unknown specificity. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.

### Product Details

<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Formulation</b>	test sizes: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA). µg sizes: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Preparation</b>	The immunoglobulin was purified by affinity chromatography, and conjugated with PE under optimal conditions.
<b>Concentration</b>	µg sizes: 0.2 mg/mL test sizes: lot-specific (to obtain lot-specific concentration, please enter the lot number in our <a href="#">Concentration and Expiration Lookup</a> or <a href="#">Certificate of Analysis</a> online tools.)
<b>Storage &amp; Handling</b>	The immunoglobulin solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
<b>Application</b>	<a href="#">FC - Quality tested</a> <a href="#">ICFC - Verified</a>
<b>Recommended Usage</b>	Each lot of this mouse IgG2b, κ isotype control antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, use the isotype control at the same concentration as your primary antibody. Use our <a href="#">Concentration Lookup</a> tool to find the exact concentrations of your lots of product.
<b>Excitation Laser</b>	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
<b>Application Notes</b>	Additional reported applications (for the relevant formats) include: Intracellular Flow Cytometry (ICFC), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB), Functional Assay (FA).
<b>Application References</b>	1. Smed-Sørensen A, <i>et al.</i> 2008. <i>Blood</i> 111:5037. (FA) <a href="#">PubMed</a> 2. Podolin PL, <i>et al.</i> 2008. <i>J. Immunol.</i> 180:7989. (FC) <a href="#">PubMed</a>
<b>(PubMed link indicates BioLegend citation)</b>	
<b>Product Citations</b>	1. Venet F, <i>et al.</i> 2017. <i>J Immunol.</i> 10.4049/jimmunol.1700127. <a href="#">PubMed</a> 2. Coleman LG, <i>et al.</i> 2018. <i>PLoS One.</i> 13:e0195335. <a href="#">PubMed</a> 3. Clemente-Casares X, <i>et al.</i> 2017. <i>Immunity.</i> 47:974. <a href="#">PubMed</a> 4. Fielding CA <i>et al.</i> 2017. <i>eLife.</i> 6 pii: e22206. <a href="#">PubMed</a> 5. Oh JH, <i>et al.</i> 2019. <i>Cancer Immunol Res.</i> 0.697222222. <a href="#">PubMed</a> 6. Kuang YL, <i>et al.</i> 2019. <i>Stem Cell Res.</i> 37:101434. <a href="#">PubMed</a> 7. Sendler M, <i>et al.</i> 2020. <i>Gastroenterology.</i> 158:253. <a href="#">PubMed</a> 8. Ibuki M, <i>et al.</i> 2019. <i>Regen Ther.</i> 0.551388889. <a href="#">PubMed</a> 9. Mendoza-Cabrera MI, <i>et al.</i> 2019. <i>Innate Immun.</i> :1753425919864658. <a href="#">PubMed</a> 10. Yang GY, <i>et al.</i> 2020. <i>Vet Res.</i> 51:26. <a href="#">PubMed</a>

11. Berger V, *et al.* 2013. Protein Eng Des Sel. 26:581. [PubMed](#)
12. Ameres S, *et al.* 2014. J Immunol. 192:5894. [PubMed](#)
13. Xu Z, *et al.* 2016. Nat Commun. 7:10728. [PubMed](#)
14. Guan H, *et al.* 2016. Sci Rep. 6:35651. [PubMed](#)

**RRID** AB\_2894969 (BioLegend Cat. No. 400311)

## Antigen Details

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**Gene ID** NA

## Other Formats

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APC Mouse IgG2b, κ Isotype Ctrl, Biotin Mouse IgG2b, κ Isotype Ctrl, FITC Mouse IgG2b, κ Isotype Ctrl, PE Mouse IgG2b, κ Isotype Ctrl, PE/Cyanine5 Mouse IgG2b, κ Isotype Ctrl, Purified Mouse IgG2b, κ Isotype Ctrl, APC/Cyanine7 Mouse IgG2b, κ Isotype Ctrl, PE/Cyanine7 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 647 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 488 Mouse IgG2b, κ Isotype Ctrl, Pacific Blue™ Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 700 Mouse IgG2b, κ Isotype Ctrl, PerCP Mouse IgG2b, κ Isotype Ctrl, PerCP/Cyanine5.5 Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 421™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 570™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 510™ Mouse IgG2b, κ Isotype Ctrl, Ultra-LEAF™ Purified Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 605™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 650™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 711™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 785™ Mouse IgG2b, κ Isotype Ctrl, PE/Dazzle™ 594 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 594 Mouse IgG2b, κ Isotype Ctrl, APC/Fire™ 750 Mouse IgG2b, κ Isotype Ctrl, GolnVivo™ Purified Mouse IgG2b, κ Isotype Ctrl, TotalSeq™-A0092 Mouse IgG2b, κ isotype Ctrl, Go-ChIP-Grade™ Purified Mouse IgG2b, κ isotype Ctrl, TotalSeq™-B0092 Mouse IgG2b, κ isotype Ctrl, TotalSeq™-C0092 Mouse IgG2b, κ isotype Ctrl, TotalSeq™-D0092 Mouse IgG2b, κ Isotype Ctrl, GMP APC Mouse IgG2b, κ Isotype Control

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