

Purified Goat anti-mouse IgG (minimal x-reactivity) Antibody

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|--------------------------|--|
| Catalog# / Size | 405301 / 500 µg |
| Clone | Poly4053 |
| Regulatory Status | RUO |
| Isotype | Goat Polyclonal IgG |
| Description | This polyclonal goat anti-mouse IgG antibody reacts with the heavy chains of mouse IgG and with the light (kappa and lambda) chains common to most mouse immunoglobulins. No cross-reactivity has been detected against non-immunoglobulin serum proteins. This antibody has been solid-phase absorbed to ensure minimal cross-reaction with rat, human, bovine, horse, and rabbit immunoglobulins, but it may have minimal cross-reactivity with other subclasses of mouse immunoglobulins. |

Product Details

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| Verified Reactivity | Mouse |
| Antibody Type | Polyclonal |
| Host Species | Goat |
| Formulation | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. |
| Preparation | The antibody was purified by affinity chromatography. |
| Concentration | 0.5 mg/ml |
| Storage & Handling | The antibody solution should be stored undiluted between 2°C and 8°C. |
| Application | ELISA - Quality tested FC , WB , IHC |
| Recommended Usage | Each lot of this antibody is quality control tested by ELISA assay . For ELISA capture, the suggested use of this reagent is ≤ 2.0 µg/ml. It is recommended that the reagent be titrated for optimal performance for each application. |
| Application Notes | This polyclonal goat anti-mouse IgG antibody is useful for capture or detection of mouse IgG in ELISA. |
| Application References (PubMed link indicates BioLegend citation) | <ol style="list-style-type: none">1. Scotta C, <i>et al.</i> 2008. <i>J Immunol.</i> 181:1025-33. PubMed2. Gao X, <i>et al.</i> 2014. <i>Cell Mol Neurobiol.</i> 34:257-68 (ICC)3. Winters T, <i>et al.</i> 2014. <i>EMBO J.</i> 33:1256-70. |
| Product Citations | <ol style="list-style-type: none">1. Galindo-Albarrán A, <i>et al.</i> 2016. <i>Cell Rep.</i> 17:2151-2160. PubMed2. Rivers E, <i>et al.</i> 2020. <i>Elife.</i> 9:00. PubMed3. Cheung KCP, <i>et al.</i> 2020. <i>Nat Commun.</i> 2.954861111. PubMed4. Sánchez-Villanueva JA, <i>et al.</i> 2019. <i>PLoS One.</i> 14:e0226388. PubMed5. özdilek A, <i>et al.</i> 2020. <i>Proc Natl Acad Sci U S A.</i> 117:1280. PubMed6. Scotta C, <i>et al.</i> 2008. <i>J Immunol.</i> 181:1025. PubMed |
| RRID | AB_315005 (BioLegend Cat. No. 405301) |

Antigen Details

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|---------------------|-----------------------|
| Distribution | B cells |
| Gene ID | 16059 |

Related Protocols

[Sandwich ELISA Protocol](#)

Other Formats

APC Goat anti-mouse IgG (minimal x-reactivity), Biotin Goat anti-mouse IgG (minimal x-reactivity), FITC Goat anti-mouse IgG (minimal x-reactivity), HRP Goat anti-mouse IgG (minimal x-reactivity), PE Goat anti-mouse IgG (minimal x-reactivity), Purified Goat anti-mouse IgG (minimal x-reactivity), Cyanine3 Goat anti-mouse IgG (minimal x-reactivity), PE/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity), PerCP/Cyanine5.5 Goat anti-mouse IgG (minimal x-reactivity), DyLight™ 488 Goat anti-mouse IgG (minimal x-reactivity), DyLight™ 649 Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 594 Goat anti-mouse IgG (minimal x-reactivity), APC/Cyanine7 Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 421™ Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 488 Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 647 Goat anti-mouse IgG (minimal x-reactivity), Alexa Fluor® 555 Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 605™ Goat anti-mouse IgG (minimal x-reactivity), Brilliant Violet 510™ Goat anti-mouse IgG (minimal x-reactivity), PE/Dazzle™ 594 Goat anti-mouse IgG (minimal x-reactivity), PerCP Goat anti-mouse IgG (minimal x-reactivity), APC/Fire™ 750 Goat anti-mouse IgG (minimal x-reactivity), Spark YG™ 570 Goat anti-mouse IgG (minimal x-reactivity)

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