

PE Mouse IgG2b, κ Isotype Ctrl Antibody

Catalog# / Size	400311 / 25 µg 400313 / 25 tests 400314 / 100 tests 400312 / 100 µg
Clone	MPC-11
Regulatory Status	RUO
Isotype	Mouse IgG2b, κ
Description	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

Antibody Type	Monoclonal
Host Species	Mouse
Formulation	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.
Preparation	The immunoglobulin was purified by affinity chromatography, and conjugated with PE under optimal conditions.
Concentration	µg sizes: 0.2 mg/mL test sizes: lot-specific (to obtain lot-specific concentration, please enter the lot number in our Concentration and Expiration Lookup or Certificate of Analysis online tools.)
Storage & Handling	The immunoglobulin solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested ICFC - Verified
Recommended Usage	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 Concentration Lookup tool to find the exact concentrations of your lots of product.
Excitation Laser	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
Application Notes	Additional reported applications (for the relevant formats) include: Intracellular Flow Cytometry (ICFC), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB), Functional Assay (FA).
Application References	1. Smed-Sørensen A, <i>et al.</i> 2008. <i>Blood</i> 111:5037. (FA) PubMed 2. Podolin PL, <i>et al.</i> 2008. <i>J. Immunol.</i> 180:7989. (FC) PubMed
(PubMed link indicates BioLegend citation)	
Product Citations	1. Berger V, <i>et al.</i> 2013. <i>Protein Eng Des Sel.</i> 26:581. PubMed 2. Ameres S, <i>et al.</i> 2014. <i>J Immunol.</i> 192:5894. PubMed 3. Xu Z, <i>et al.</i> 2016. <i>Nat Commun.</i> 7:10728. PubMed 4. Guan H, <i>et al.</i> 2016. <i>Sci Rep.</i> 6:35651. PubMed 5. Venet F, <i>et al.</i> 2017. <i>J Immunol.</i> 10.4049/jimmunol.1700127. PubMed 6. Coleman LG, <i>et al.</i> 2018. <i>PLoS One.</i> 13:e0195335. PubMed 7. Clemente-Casares X, <i>et al.</i> 2017. <i>Immunity.</i> 47:974. PubMed 8. Fielding CA <i>et al.</i> 2017. <i>eLife.</i> 6 pii: e22206. PubMed 9. Oh JH, <i>et al.</i> 2019. <i>Cancer Immunol Res.</i> 0.697222222. PubMed 10. Kuang YL, <i>et al.</i> 2019. <i>Stem Cell Res.</i> 37:101434. PubMed

11. Sendler M, *et al.* 2020. Gastroenterology. 158:253. [PubMed](#)
12. Ibuki M, *et al.* 2019. Regen Ther. 0.551388889. [PubMed](#)
13. Mendoza-Cabrera MI, *et al.* 2019. Innate Immun. :1753425919864658. [PubMed](#)
14. Yang GY, *et al.* 2020. Vet Res. 51:26. [PubMed](#)

RRID AB_2894969 (BioLegend Cat. No. 400311)

Antigen Details

Gene ID NA

Other Formats

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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