

GMP Pacific Blue™ Mouse IgG2b, κ Isotype Ctrl Antibody

Catalog# / Size	260238 / 100 tests
Clone	MPC-11
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	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
Preparation	The antibody was purified by affinity chromatography and conjugated with Pacific Blue™ under optimal conditions.
Concentration	200 µg/mL
Storage & Handling	The antibody 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
Recommended Usage	<p>Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 µL per million cells in 100 µL staining volume or 5 µL per 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.</p> <p>* Pacific Blue™ has a maximum emission of 455 nm when it is excited at 405 nm. Prior to using Pacific Blue™ conjugate for flow cytometric analysis, please verify your flow cytometer's capability of exciting and detecting the fluorochrome.</p> <p>Alexa Fluor® and Pacific Blue™ are trademarks of Life Technologies Corporation.</p> <p>View full statement regarding label licenses</p>
Excitation Laser	Violet Laser (405 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 (PubMed link indicates BioLegend citation)	<ol style="list-style-type: none">1. Smed-Sørensen A, <i>et al.</i> 2008. <i>Blood</i> 111:5037. (FA) PubMed2. Podolin PL, <i>et al.</i> 2008. <i>J. Immunol.</i> 180:7989. (FC) PubMed
Disclaimer	<p>GMP RUO Flow Cytometry Antibodies. BioLegend GMP RUO fluorophore conjugated antibodies are manufactured in a dedicated GMP facility and compliant with ISO 13485:2016. For research use only. Not for use in diagnostic or therapeutic procedures. Our processes include:</p> <ul style="list-style-type: none">• Batch-to-batch consistency• Material traceability• Documented procedures• Documented employee training• Equipment maintenance and monitoring records• Lot-specific certificates of analysis• Quality audits per ISO 13485:2016• QA review of released products

Antigen Details

Gene ID NA

Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

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, 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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BioLegend Inc., 8999 BioLegend Way, San Diego, CA 92121 www.biolegend.com
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587