

Alexa Fluor® 555 Mouse IgG2b, κ Isotype Ctrl Antibody

Catalog# / Size	402723 / 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	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Preparation	The antibody was purified by affinity chromatography and conjugated with Alexa Fluor® 555 under optimal conditions.
Concentration	0.5 mg/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	ICC - Quality tested IHC-P - Verified
Recommended Usage	Each lot of this antibody is quality control tested by immunocytochemistry (ICC). For ICC, a concentration range of 1.25 - 10.0 µg/mL is recommended. For immunohistochemistry on formalin-fixed paraffin-embedded tissues (IHC-P), a concentration range of 1.0 - 10.0 µg/mL is recommended. It is recommended that the reagent be titrated for optimal performance in your experimental conditions. * Alexa Fluor® 555 has an excitation maximum of 555 nm, and a maximum emission of 565 nm. Alexa Fluor® and Pacific Blue™ are trademarks of Life Technologies Corporation. View full statement regarding label licenses
Excitation Laser	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
Application References (PubMed link indicates BioLegend citation)	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

Antigen Details

Gene ID	NA
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Related Protocols

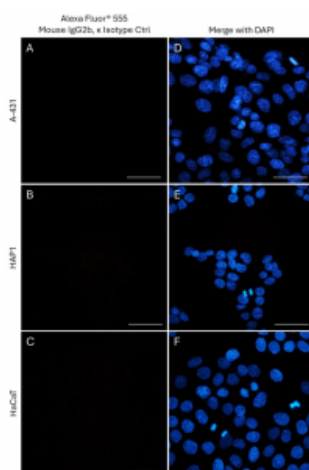
- [Immunocytochemistry Staining Protocol](#)

- [Immunohistochemistry Protocol for Paraffin-Embedded Sections](#)

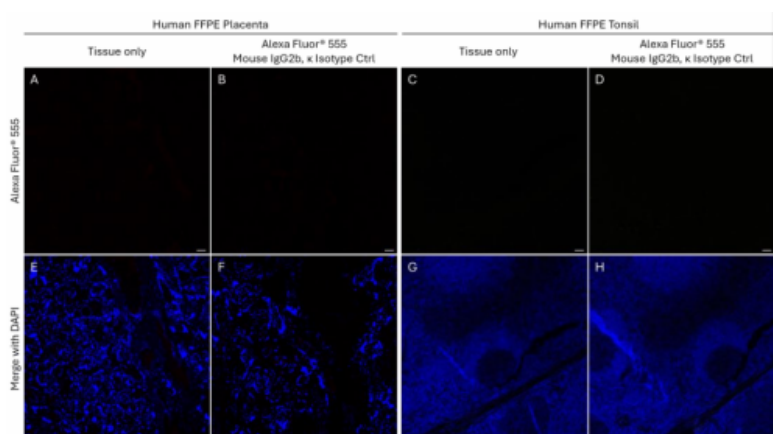
Other Formats

TotalSeq™-D0092 Mouse IgG2b, κ Isotype Ctrl, GMP APC Mouse IgG2b, κ Isotype Ctrl, GMP Pacific Blue™ Mouse IgG2b, κ Isotype Ctrl, TotalSeq™-Bn0092 Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 750™ Mouse IgG2b, κ Isotype Ctrl, Spark NIR 685™ Mouse IgG2b, κ Isotype Ctrl, PE/Fire™ 810 Mouse IgG2b, κ Isotype Ctrl, PE/Fire™ 700 Mouse IgG2b, κ Isotype Ctrl, KIRAVIA Blue 520™ Mouse IgG2b, κ Isotype Ctrl, Spark YG™ 570 Mouse IgG2b, κ Isotype Ctrl, PE/Fire™ 640 Mouse IgG2b, κ Isotype Ctrl, GMP FITC Mouse IgG2b, κ Isotype Ctrl, GMP PerCP/Cyanine5.5 Mouse IgG2b, κ Isotype Ctrl, PerCP/Fire™ 806 Mouse IgG2b, κ Isotype Ctrl, APC/Fire™ 810 Mouse IgG2b, κ Isotype Ctrl, Spark Red™ 718 Mouse IgG2b, κ Isotype Ctrl, Spark PLUS UV395™ Mouse IgG2b, κ Isotype Ctrl, GolnVivo™ Purified Mouse IgG2b, κ Isotype Ctrl, APC/Fire™ 750 Mouse IgG2b, κ Isotype Ctrl, FITC Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 594 Mouse IgG2b, κ Isotype Ctrl, Biotin Mouse IgG2b, κ Isotype Ctrl, Purified Mouse IgG2b, κ Isotype Ctrl, APC Mouse IgG2b, κ Isotype Ctrl, Pacific Blue™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 421™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 570™ Mouse IgG2b, κ Isotype Ctrl, Ultra-LEAF™ Purified Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 650™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 605™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 711™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 785™ Mouse IgG2b, κ Isotype Ctrl, GMP PE/Cyanine7 Mouse IgG2b, κ Isotype Ctrl, Spark Blue™ 515 Mouse IgG2b, κ Isotype Ctrl, PerCP/Fire™ 780 Mouse IgG2b, κ Isotype Ctrl, PE/Fire™ 744 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 647 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 488 Mouse IgG2b, κ Isotype Ctrl, PerCP Mouse IgG2b, κ Isotype Ctrl, TotalSeq™-A0092 Mouse IgG2b, κ isotype Ctrl, PE/Cyanine7 Mouse IgG2b, κ Isotype Ctrl, TotalSeq™-B0092 Mouse IgG2b, κ isotype Ctrl, TotalSeq™-C0092 Mouse IgG2b, κ isotype Ctrl, PE Mouse IgG2b, κ Isotype Ctrl, PE/Cyanine5 Mouse IgG2b, κ Isotype Ctrl, PerCP/Cyanine5.5 Mouse IgG2b, κ Isotype Ctrl, APC/Cyanine7 Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 510™ Mouse IgG2b, κ Isotype Ctrl, PE/Dazzle™ 594 Mouse IgG2b, κ Isotype Ctrl, TotalSeq™-B1473 Mouse IgG2b, κ Isotype Ctrl, TotalSeq™-C1473 Mouse IgG2b, κ Isotype Ctrl Antibody, Alexa Fluor® 555 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 700 Mouse IgG2b, κ Isotype Ctrl

Product Data



A-431 cells (panel A), HAP1 cells (panel B), and HaCaT (panel C) were fixed with Fixation Buffer (Cat. No. 420801) for 10 minutes, permeabilized with 0.5% Triton X-100 for 10 minutes, and blocked with 5% FBS for 1 hour at room temperature. Cells were then stained with Alexa Fluor® 555 Mouse IgG2b, κ Isotype Ctrl (clone MPC-11). Nuclei were counterstained with DAPI (Cat. No. 422801). The images were captured on a Revvity Operetta CLS™ High Content Analysis System with a 63X objective and merged (panels D, E, and F). Scale bar: 50 μm



IHC staining on formalin-fixed paraffin-embedded human placenta and tonsil tissue. Following antigen retrieval using 1X Citrate Buffer (Cat. No. 420902), the tissue was incubated without (panels A and C) and with (panels B and D) Alexa Fluor® 555 Mouse IgG2b, κ Isotype Ctrl (clone MPC-11). Nuclei were counterstained with DAPI (Cat. No. 422801). Images were captured with a 10X objective and merged (panels E, F, G, and H). Scale bar: 50 μm

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