

Mouse IgG Isotype Control

Product Details

Size	5 mg
Host/Isotype	Mouse / IgG
Class	Control
Type	Isotype Control
Conjugate	Unconjugated
Form	Liquid
Concentration	5.05 mg/mL
Purification	Ion-exchange chromatography
Storage buffer	PBS, pH 7.6
Contains	no preservative
Storage conditions	4° C
RRID	AB_10959891

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-
Flow Cytometry (Flow)	1:500	-
Immunoprecipitation (IP)	-	0 Publication
Control (Ctrl)	Assay-Dependent	0 Publication
Blocking Assay (BLOCK)	Assay-dependent	-

Product Specific Information

Concentration may vary slightly from lot-to-lot, see lot-specific datasheet for exact concentration.

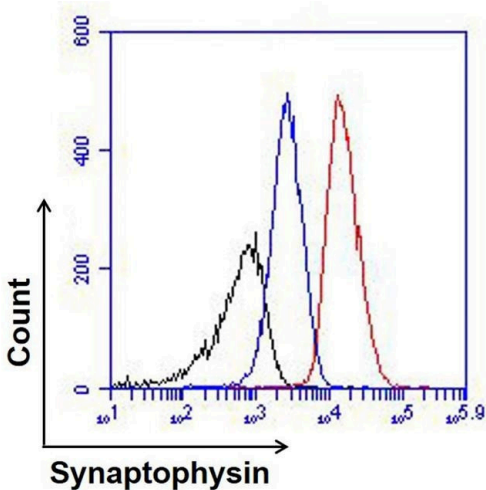
Purity: Based on immunoelectrophoresis at an antigen concentration of 20 mg/mL, the pattern of precipitation against goat anti-mouse whole serum is the same as that against goat anti-mouse IgG, Fc fragment specific. No precipitin line was detected against goat anti-mouse IgA, alpha chain specific or goat anti-mouse IgM, μ chain specific.

This antibody is recommended for use in blocking assays, immunohistochemical, immunocytochemical and immunofluorescent applications.

Store product at 4°C until opened. After opening, dilute only enough material for a single day's use.; store remainder at 4°C under sterile conditions.

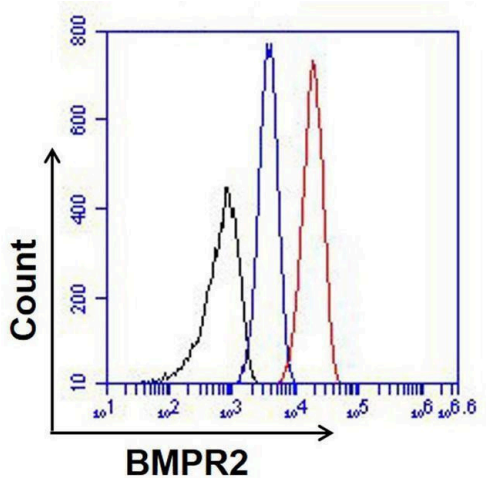
Country of Origin: USA

Product Images For Mouse IgG Isotype Control



Mouse IgG Isotype Control (31903) in Flow

Flow cytometry analysis of Synaptophysin was done on PC12 cells. The cells were fixed, permeabilized and stained with a Synaptophysin mouse monoclonal antibody (Product # MA1-213, red histogram) or Mouse IgG isotype control (Product # 31903, blue histogram) at a dilution of 1:500. Black histogram represents negative control unstained cell population. After incubation of the primary antibody on ice for an hour, the cells were stained with a Goat anti-Mouse IgG (H+L) Secondary Antibody, Dylight 680 conjugate (Product # 35519) at a dilution of 1:50 for at least 30 minutes on ice. A representative 10,000 cells were acquired for each sample.



Mouse IgG Isotype Control (31903) in Flow

Flow cytometry analysis of BMPR2 was done on HeLa cells. The cells were fixed, permeabilized and stained with a BMPR2 mouse monoclonal antibody (Product # MA5-15827, red histogram) or Mouse IgG isotype control (Product # 31903, blue histogram) at a concentration of 4 µg/mL. Black histogram represents negative control unstained cell population. After incubation of the primary antibody on ice for an hour, the cells were stained with a Goat anti-Mouse IgG (H+L) Secondary Antibody, Dylight 680 conjugate (Product # 35519) at a dilution of 1:50 for at least 30 minutes on ice. A representative 10,000 cells were acquired for each sample.

72 References

The use of human iPSC-derived alveolar organoids to explore SARS-CoV-2 variant infections and host responses. J Med Virol (2024)

Surfactant protein D prevents mucin overproduction in airway goblet cells via SIRP. Sci Rep (2024)

L-Arginine Enhances Oral Keratinocyte Proliferation under High-Glucose Conditions via Upregulation of CYP1A1, SKP2, and SRSF5. Molecules (2023)

Naturally Derived Malabaricone B as a Promising Bactericidal Candidate Targeting Multidrug-Resistant Staphylococcus aureus also Possess Synergistic Interactions with Clinical Antibiotics. Antibiotics (Basel) (2023)

Customization of the translational complex regulates mRNA-specific translation to control CNS regeneration. Neuron (2023)

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