

Mouse IgG3 Isotype Control (B10), eBioscience™

Product Details

Size	100 µg
Host/Isotype	Mouse / IgG3, lambda
Class	Control
Type	Isotype Control
Clone	B10
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_470120

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-
Flow Cytometry (Flow)	Assay-Dependent	-
ELISA (ELISA)	-	0 Publication
Control (Ctrl)	Assay-Dependent	-
Miscellaneous PubMed (Misc)	-	0 Publication

Product Specific Information

Description: The mouse IgG3 lambda is useful as an isotype control immunoglobulin.

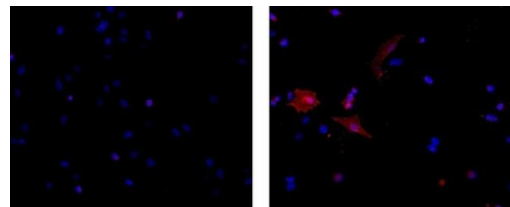
Applications Reported: This mouse IgG3 isotype control has been reported for use in immunocytochemistry, immunohistochemistry, and flow cytometric analysis.

Applications Tested: This mouse IgG3 isotype control has been tested by flow cytometric analysis of normal human peripheral blood cells. Use the isotype control at the same concentration as the experimental antibody.

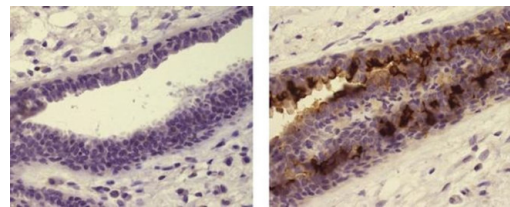
Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

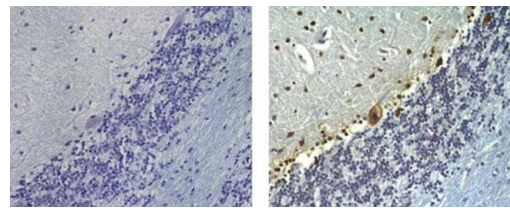
Filtration: 0.2 µm post-manufacturing filtered.



Mouse IgG3 Isotype Control (14-4742-82) in ICC/IF
Immunocytochemistry of fixed A375 cells using 5 µg/mL of Mouse IgG3 Isotype Control Purified (left) or 5 µg/mL of Anti-Human Disialoganglioside GD3 Purified (right) followed by F(ab')₂ Anti-Mouse IgG eFluor® 570. Nuclei are stained with DAPI.



Mouse IgG3 Isotype Control (14-4742-82) in IHC (P)
Immunohistochemistry of formalin-fixed paraffin embedded human breast cancer tissue stained with 5 µg/mL of Mouse IgG3 K Isotype Control Purified (left) or 5 µg/mL of Anti-Human Globo H Purified (right) followed by Anti-Mouse IgG Biotin, Streptavidin HRP, and DAB visualization. Nuclei are counterstained with hematoxylin.



Mouse IgG3 Isotype Control (14-4742-82) in IHC (P)
Immunohistochemistry of formalin-fixed paraffin embedded human cerebellum using 10 µg/mL Mouse IgG3 Isotype Control Purified (left) or 10 µg/mL Anti-Human/Mouse Musashi-2 Purified (right) followed by Anti-Mouse IgG Biotin and DAB visualization. Nuclei are counterstained with hematoxylin.

10 References

Increased In Vitro Intercellular Barrier Function of Lung Epithelial Cells Using Adipose-Derived Mesenchymal Stem/Stromal Cells. *Pharmaceutics* (2021)

Autoantibody Responses to Apolipoprotein A-I Are Not Diet- or Sex-Linked in C57BL/6 Mice. *Immunohorizons* (2020)

CTLA-4 Blockade, during HIV Virus-Like Particles Immunization, Alters HIV-Specific B-Cell Responses. *Vaccines (Basel)* (2020)

Anti-streptococcal antibody and T-cell interactions with vascular endothelial cells initiate the development of rheumatic carditis. *J Leukoc Biol* (2020)

IgG Immunocomplexes Sensitize Human Monocytes for Inflammatory Hyperactivity via Transcriptomic and Epigenetic Reprogramming in Rheumatoid Arthritis. *J Immunol* (2018)

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