

Mouse IgG2a kappa Isotype Control (eBM2a), Functional Grade, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Mouse / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBM2a
Conjugate	Functional Grade
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	no preservative
Storage conditions	4° C
RRID	AB_470164

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-Dependent	-
Functional Assay (FN)	Assay-Dependent	-
Control (Ctrl)	Assay-Dependent	-

Product Specific Information

Description: This is a monoclonal mouse IgG2a, kappa antibody. It is used as an isotype control for mouse IgG2a antibodies.

Applications Reported: This mouse IgG2a isotype control has been reported for use in bioassays and cell surface and intracellular flow cytometric analysis.

Applications Tested: This mouse IgG2a isotype control has been tested by flow cytometric analysis of normal human peripheral blood cells. It should be used at the same concentration as the experimental antibody. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Storage and handling: Use in a sterile environment.

Filtration: 0.2 µm post-manufacturing filtered.

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

Endotoxin Level: Less than 0.001 ng/µg antibody, as determined by LAL assay.

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

23 References

Tnfrsf4-expressing regulatory T cells promote immune escape of chronic myeloid leukemia stem cells. JCI Insight (2021)

Direct and indirect immune effects of CMP-001, a virus-like particle containing a TLR9 agonist. J Immunother Cancer (2021)

Expression of Free Fatty Acid Receptor 2 by Dendritic Cells Prevents Their Expression of Interleukin 27 and Is Required for Maintenance of Mucosal Barrier and Immune Response Against Colorectal Tumors in Mice. Gastroenterology (2020)

Complement Signals Determine Opposite Effects of B Cells in Chemotherapy-Induced Immunity. Cell (2020)

Butyrophilin-2A1 Directly Binds Germline-Encoded Regions of the V9V2 TCR and Is Essential for Phosphoantigen Sensing. Immunity (2020)

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