

Mouse IgG2b kappa Isotype Control (eBMG2b), APC, eBioscience™

Product Details	
Size	100 Tests
Host/Isotype	Mouse / IgG2b, kappa
Class	Control
Type	Isotype Control
Clone	eBMG2b
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_1548769

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (1 µg)/test	-
Control (Ctrl)	Assay-Dependent	-

Product Specific Information

Description: The monoclonal mouse IgG2b, kappa is useful as an isotype control immunoglobulin.

Applications Reported: APC Mouse IgG2b Iso Cntrl has been reported for use in flow cytometric analysis.

Applications Tested: APC Mouse IgG2b Isotype Control is offered in 2 formats: - µg size: has been tested by flow cytometric analysis of normal human peripheral blood cells. This should be used at the same concentration as the experimental antibody. - test size: has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at test size: 5 µL (1 µg) per test. 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.

Excitation: 633-647 nm; Emission: 660 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

7 References

Molecular basis for nuclear accumulation and targeting of the inhibitor of apoptosis BIRC2. Nat Struct Mol Biol (2023)

Targeted suppression of Dpt-specific B cells in humanized Rag2- c- mouse model of HDM allergy. Scand J Immunol (2023)

Cellular plasticity and immune microenvironment of malignant pleural effusion are associated with EGFR-TKI resistance in non-small-cell lung carcinoma. iScience (2022)

A novel functional mast cell assay for the detection of allergies. J Allergy Clin Immunol (2022)

JAK1 signaling in dendritic cells promotes peripheral tolerance in autoimmunity through PD-L1-mediated regulatory T cell induction. Cell Rep (2022)

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