

Mouse IgG2b kappa Isotype Control (eBMG2b), Alexa Fluor™ 700, eBioscience™

Product Details	
Size	25 µg
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eBMG2b
Conjugate	Alexa Fluor™ 700
Excitation/Emission Max	696/719 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_494016

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

Product Specific Information

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

Applications Reported: This eBMG2b antibody has been reported for use in flow cytometric analysis.

Applications Tested: This eBMG2b antibody has been tested by flow cytometric analysis of mouse splenocytes and normal human peripheral blood cells. It should be used at the same concentration as the experimental antibody.

Alexa Fluor® 700 emits at 723 nm and can be excited with the red laser (633 nm). Most instruments will require a 685 LP mirror and 710/20 filter. Please make sure that your instrument is capable of detecting this fluorochrome.

Excitation: 633-647 nm; **Emission:** 723 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

2 References

Immunophenotyping, Part II: Analysis of Nanoparticle Effects on the Composition and Activation Status of Human Peripheral Blood Mononuclear Cells. *Methods Mol Biol* (2024)

Multicolor flow cytometry-based immunophenotyping for preclinical characterization of nanotechnology-based formulations: an insight into structure activity relationship and nanoparticle biocompatibility profiles. *Front Allergy* (2023)

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