

# Mouse IgG2b kappa Isotype Control (eBMG2b), PE-Cyanine7, eBioscience™

Product Details	
Size	50 µg
Host/Isotype	Mouse / IgG2b, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eBMG2b
Conjugate	PE-Cyanine7
Excitation/Emission Max	569/780 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_823217

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

## Product Specific Information

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

**Applications Reported:** PE-Cy7 Mouse IgG2b Iso Cntrl has been reported for use in flow cytometric analysis.

**Applications Tested:** Mouse IgG2b K Isotype Control PE-Cyanine7 has been tested by flow cytometric analysis of normal human peripheral blood cells. Use isotype control at the same concentration as experimental antibody.

**Light sensitivity:** This tandem dye is sensitive photo-induced oxidation. Please protect this vial and stained samples from light.

**Fixation:** Samples can be stored in IC Fixation Buffer (Product # 00-822-49) (100 µL cell sample + 100 µL IC Fixation Buffer) or 1-step Fix/Lyse Solution (Product # 00-5333-54) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

**Excitation:** 488-561 nm; **Emission:** 775 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

**Filtration:** 0.2 µm post-manufacturing filtered.

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