

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

| Product Details | |
|--------------------|-------------------------------------|
| Size | 50 µg |
| Host/Isotype | Mouse / IgG2b, kappa |
| Class | Control |
| Type | Isotype Control |
| Clone | eBMG2b |
| Conjugate | PE-Cyanine7 |
| Form | Liquid |
| Concentration | 0.2 mg/mL |
| Purification | Affinity chromatography |
| Storage buffer | PBS, pH 7.2, with 0.1% gelatin |
| 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 (cat. 00-8222) (100 µL cell sample + 100 µL IC Fixation Buffer) or 1-step Fix /Lyse Solution (cat. 00-5333) 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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