

Mouse IgG2a kappa Isotype Control (eBM2a), PE-eFluor™ 610, eBioscience™

| Product Details | |
|--------------------|-------------------------------------|
| Size | 25 µg |
| Host/Isotype | Mouse / IgG2a, kappa |
| Class | Control |
| Type | Isotype Control |
| Clone | eBM2a |
| Conjugate | PE-eFluor™ 610 |
| 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_2637331 |

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

Product Specific Information

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

Applications Reported: This eBM2a antibody has been reported for use in flow cytometric analysis.

Applications Tested: This eBM2a antibody has been tested by flow cytometric analysis. Use isotype control at the same concentration as experimental antibody.

PE-eFluor® 610 can be excited with laser lines from 488-561 nm and emits at 607 nm. We recommend using a 610/20 band pass filter (equivalent to PE-Texas Red®). Please make sure that your instrument is capable of detecting this fluorochrome.

Light sensitivity: This tandem dye is sensitive to 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 of cell sample + 100 µL of 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:** 607 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

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