

# Mouse IgG2a kappa Isotype Control (eBM2a), PE, eBioscience™

## Product Details

Size	100 µg
Host/Isotype	Mouse / IgG2a, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eBM2a
Conjugate	PE
Excitation/Emission Max	565/576 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_470064

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Control (Ctrl)	Assay-Dependent	-

## Product Specific Information

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

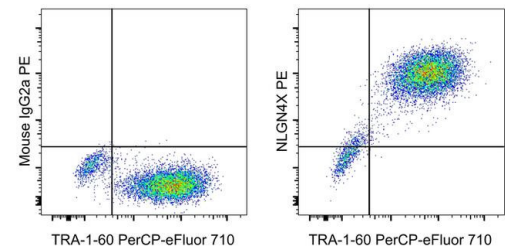
**Applications Reported:** This mouse IgG2a isotype control has been reported for use in cell surface and intracellular flow cytometric analysis.

**Applications Tested:** This Mouse IgG2a K Isotype Control has been tested by flow cytometric analysis of normal human peripheral blood cells and can be used at the same concentration as the experimental antibody.

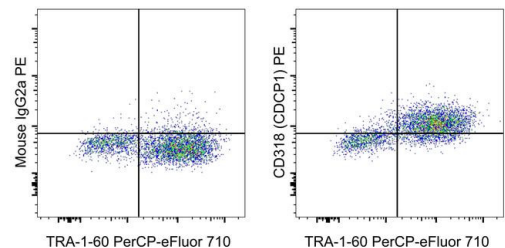
**Excitation:** 488-561 nm; **Emission:** 578 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

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

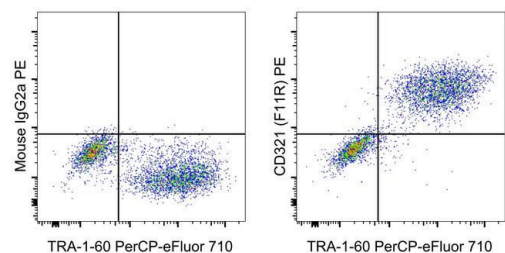
Product Images For Mouse IgG2a kappa Isotype Control (eBM2a), PE, eBioscience™



**Mouse IgG2a kappa Isotype Control (12-4724-82) in Flow**  
Staining of a mixture of normal human iPSC and the murine C2C12 cell line with Anti-Human TRA-1-60 (Podocalyxin) PerCP-eFluor® 710 (Product # 46-8863-82) and Mouse IgG2a kappa Isotype Control, PE (Product # 12-4724-82) (left) or Anti-Human NLGN4X (Neuroigin-4) PE (right). Viable cells, as determined by Fixable Viability Dye eFluor® 450 (Product # 65-0863-14), were used for analysis.



**Mouse IgG2a kappa Isotype Control (12-4724-82) in Flow**  
Staining of a mixture of human iPSC and the C2C12 murine cell line with Anti-Human TRA-1-60 PerCp-eFluor 710 (Product # 46-8863-82) and Mouse IgG2a K Isotype Control PE (Product # 12-4724-81) (left) or Anti-Human CD318 (CD3P1) PE (right).



**Mouse IgG2a kappa Isotype Control (12-4724-82) in Flow**  
Staining of a mixture of human iPSC and the C2C12 murine cell line with Anti-Human TRA-1-60 PerCp-eFluor 710 (Product # 46-8863-82) and Mouse IgG2a K Isotype Control PE (Product # 12-4724-81) (left) or Anti-Human CD321 (F11R) PE (right).

[View more figures on thermofisher.cn](#)

58 References

Human CFTR deficient iPSC-macrophages reveal impaired functional and transcriptomic response upon *Pseudomonas aeruginosa* infection. *Front Immunol* (2024)

Exploring the Potential Effects of Cryopreservation on the Biological Characteristics and Cardiomyogenic Differentiation of Rat Adipose-Derived Mesenchymal Stem Cells. *Int J Mol Sci* (2024)

Optimizing Cardiomyocyte Differentiation: Comparative Analysis of Bone Marrow and Adipose-Derived Mesenchymal Stem Cells in Rats Using 5-Azacytidine and Low-Dose FGF and IGF Treatment. *Biomedicines* (2024)

Conditionally replicative adenovirus as a therapy for malignant peripheral nerve sheath tumors. *Mol Ther Oncol* (2024)

Detection of Antigen Presentation by Murine Bone Marrow-Derived Dendritic Cells After Treatment with Nanoparticles. *Methods Mol Biol* (2024)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.