

Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), PE, eBioscience™

Product Details

Size	100 µg
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Isotype Control
Clone	P3.6.2.8.1
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_470060

Applications

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

Product Specific Information

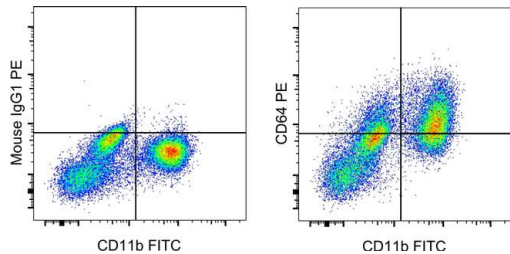
Description: The monoclonal mouse IgG1 K immunoglobulin is useful as an isotype control.

Applications Reported: PE Mouse IgG1 K Isotype Control has been reported for use in flow cytometric analysis.

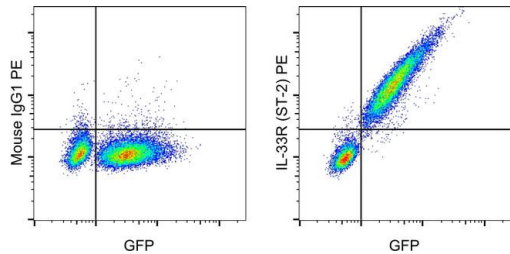
Applications Tested: This Mouse IgG1 K Isotype Control has been tested by flow cytometric analysis. Use isotype control at the same concentration as experimental antibody.

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

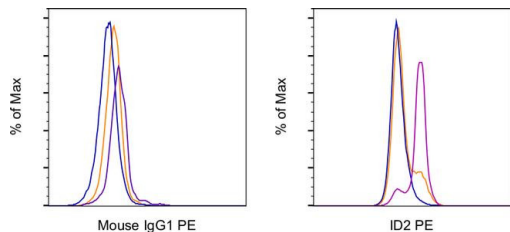
Filtration: 0.2 µm post-manufacturing filtered.



Mouse IgG1 kappa Isotype Control (12-4714-82) in Flow
BALB/c mouse bone marrow cells were Fc blocked with CD16/CD32 Antibody (Product # 14-0161-82) and normal mouse serum, and stained with CD11b Monoclonal Antibody, FITC (Product # 11-0112-82) and 0.25 µg of Mouse IgG1 kappa Isotype Control, PE (Product # 12-4714-82) (left) or 0.25 µg of CD64 Monoclonal Antibody, PE (right). All cells were used for analysis.



Mouse IgG1 kappa Isotype Control (12-4714-82) in Flow
HEK293T cells were transduced to express IL-33R-GFP fusion protein. The cells were then stained with Mouse IgG1 kappa Isotype Control, PE (Product # 12-4714-82) (left panel) or IL-33R (ST2) Monoclonal Antibody, PE (right panel). Total viable cells were used for analysis.



Mouse IgG1 kappa Isotype Control (12-4714-82) in Flow
C57BL/6 mouse splenocytes were stained intracellularly, using the Foxp3 /Transcription Factor Staining Buffer Set (Product # 00-5523-00) and protocol, with either 1.0 µg of Mouse IgG1 kappa Isotype Control, PE (Product # 12-4714-82) (left) or 1.0 µg of ID2 Monoclonal Antibody, PE (right). Cells were co-stained and gated based on the expression of both NK1.1 Monoclonal Antibody, APC (Product # 17-5941-82) and CD49b Monoclonal Antibody, APC (Product # 17-5971-82) (purple histogram); CD45R Monoclonal Antibody, PerCP-Cyanine5.5 (Product # 45-0452-82) (blue histogram); CD4 Monoclonal Antibody, FITC (Product # 11-0042-82) (orange histogram). Cells in the lymphocyte gate were used for analysis.

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211 References

Imaging of biphasic signalosomes constructed by checkpoint receptor 2B4 in conventional and chimeric antigen receptor-T cells. *iScience* (2025)

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

Tissue Context Drives Regional Differences in Trophoblast Differentiation in Fetal Membranes and Chorionic Villi *bioRxiv* (2024)

Butyrate Increases Heparin Synthesis and Storage in Human Mast Cells. *Cells* (2024)

Hyperglycemia amplifies TLR-mediated inflammatory response of M(IL4) macrophages to dyslipidemic ligands. *J Leukoc Biol* (2024)

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