

Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), PerCP-Cyanine5.5, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Isotype Control
Clone	P3.6.2.8.1
Conjugate	PerCP-Cyanine5.5
Excitation/Emission Max	489/679 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_906257

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: The PerCP-Cy5.5 Mouse IgG1 K Isotype Control has been reported for use in flow cytometric analysis.

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

Excitation: 488 nm; **Emission:** 695 nm; **Laser:** Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Mouse IgG1 kappa Isotype Control (45-4714-82) in Flow

Flow cytometric analysis of toll-like receptor 3 (TLR3) in immune cells from ileal Peyer's patches (PP). Mononuclear cells were isolated from adult swine PP and incubated with antibodies for CD45, CD172a, CD11R1, CD21, CD4 and CD8. (A) Histograms show flow cytometric analysis for TLR3 staining as follows: intracellular (open histogram), cell surface (broken lines) and isotype-matched controls (shaded histograms). (B) Values of log of mean fluorescence intensity (MFI) for intracellular and cell surface staining are shown. The results represent three independent experiments using ileal PP from at least three different swine. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/22046952>), licensed under a CC BY license.

14 References

An IL-17-EGFR-TRAF4 axis contributes to the alleviation of lung inflammation in severe influenza. Commun Biol (2023)

Host Cell Redox Alterations Promote Latent HIV-1 Reactivation through Atypical Transcription Factor Cooperativity. Viruses (2022)

ADAP1 promotes latent HIV-1 reactivation by selectively tuning KRAS-ERK-AP-1 T cell signaling-transcriptional axis. Nat Commun (2022)

ADAP1 promotes latent HIV-1 reactivation by selectively tuning a T cell signaling-transcriptional axis bioRxiv (2021)

Chronic stress physically spares but functionally impairs innate-like invariant T cells. Cell Rep (2021)

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