

Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), PE-Cyanine7, eBioscience™

Product Details	
Size	25 µg
Published Species	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Control
Type	Isotype Control
Clone	P3.6.2.8.1
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_657914

Applications	Tested Dilution	Publications
Control (Ctrl)	Assay-Dependent	1 Publication
Flow Cytometry (Flow)	Assay-Dependent	1 Publication

Product Specific Information

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

Applications Reported: PE-Cy7 Mouse IgG1, K Iso Cntrl has been reported for use in flow cytometric analysis.

Applications Tested: This P3.6.2.8.1 antibody has been tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at the same concentration as the 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.

Flow Cytometry (1)

Scientific reports

Platelets confound the measurement of extracellular miRNA in archived plasma.

"25-4714 was used in Flow cytometry/Cell sorting to show that a single freeze/thaw cycle of plasma dramatically increases the number of platelet-derived MPs, contaminates the extracellular miRNA pool, and profoundly affects the levels of miRNAs detected."

Authors: Mitchell AJ, Gray WD, Hayek SS, Ko YA, Thomas S, Rooney K, Awad M, Roback JD, Quyyumi A, Searles CD

Species
Human
Not Applicable

Dilution
Not Cited
Not Cited

Year
2016

Control (1)

Retrovirology

B cells and monocytes from patients with active multiple sclerosis exhibit increased surface expression of both HERV-H Env and HERV-W Env, accompanied by increased seroreactivity.

"25-4714 was used as a Control in experiments to analyse HERV-H Env and HERV-W Env epitope expression on the surface of PBMCs from MS patients with active and stable disease."

Authors: Brudek T, Christensen T, Aagaard L, Petersen T, Hansen HJ, Møller-Larsen A

Species
Human
Not Applicable

Dilution
Not Cited
Not Cited

Year
2009

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