

Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Alexa Fluor™ 647, eBioscience™

Product Details	
Size	50 µg
Host/Isotype	Mouse / IgG1, kappa
Class	Control
Type	Isotype Control
Clone	P3.6.2.8.1
Conjugate	Alexa Fluor™ 647
Excitation/Emission Max	650/671 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_2762822

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

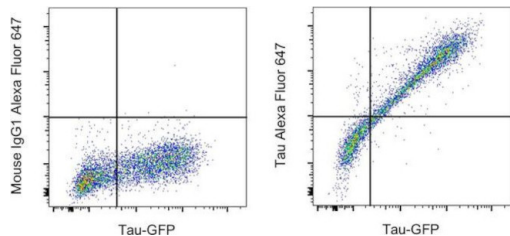
Product Specific Information

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

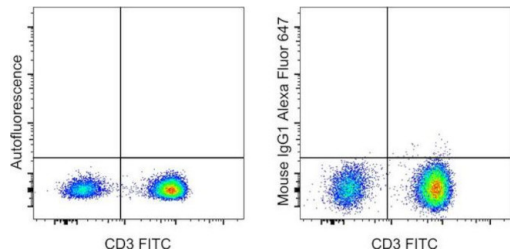
Applications Reported: Mouse IgG1 kappa Isotype Control Alexa Fluor 647 has been reported for use in flow cytometric analysis, immunocytochemistry (ICC) and immunohistochemistry (IHC).

Applications Tested: This Mouse IgG1 kappa Isotype Control can be used at the same concentration as the experimental antibody.

Excitation: 633-647 nm; **Emission:** 668 nm; **Laser:** Red Laser



Mouse IgG1 kappa Isotype Control (51-4714-81) in Flow
Human Tau-GFP transfected HEK-293T cells were stained intracellularly, using the Intracellular Fixation & Permeabilization Buffer Set (Product # 88-8824-00) and protocol, with 0.25 µg Mouse IgG1 kappa Isotype Control, Alexa Fluor 647 (Product # 51-4714-0) (left) or Tau Monoclonal Antibody, Alexa Fluor 647 (right). Total viable cells were used for analysis, as determined by Fixable Viability Dye eFluor 450 (Product # 65-0863-18)



Mouse IgG1 kappa Isotype Control (51-4714-81) in Flow
Normal human peripheral blood cells were stained with CD3 Monoclonal Antibody, FITC (Product # 11-0037-42) and staining buffer (Autofluorescence, left) or 0.125 µg of Mouse IgG1 kappa Isotype Control, Alexa Fluor 647 (right) . Cells in the lymphocyte gate were used for analysis

3 References

Mitophagy restricts BAX/BAK-independent, Parkin-mediated apoptosis. Sci Adv (2023)

Complement Factor H Modulates Splenic B Cell Development and Limits Autoantibody Production. Front Immunol (2019)

Quantifying cell-surface biomarker expression in thick tissues with ratiometric three-dimensional microscopy. Biophys J (2009)

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