

Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Brilliant Violet™ 605, eBioscience™

Product Details	
Size	50 µg
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Isotype Control
Clone	P3.6.2.8.1
Conjugate	Brilliant Violet™ 605
Excitation/Emission Max	406/603 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with BSA
Contains	0.09% sodium azide
Storage conditions	4°C, store in dark, DO NOT FREEZE!
RRID	AB_2937174

Applications	Tested Dilution	Publications
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 Tested

This P3.6.2.8.1 antibody has been tested by flow cytometric analysis of mouse splenocytes and normal human peripheral blood cells and should be used at the same concentration as the experimental antibody.

Blocking Buffers

When using two or more Super Bright, Brilliant Violet™, Brilliant Ultra Violet™, or other polymer dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401) or Brilliant Stain Buffer (Product # 00-4409-75) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer or Brilliant Stain Buffer for more information.

Light sensitivity

This tandem dye is sensitive to photo-induced oxidation. Please protect this vial and stained samples from light.

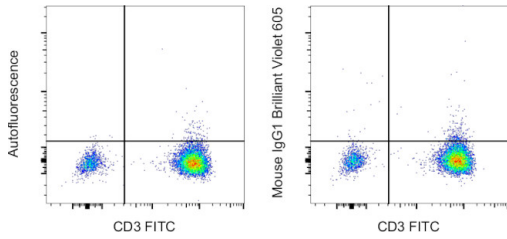
Fixation

- Samples can be stored in IC Fixation Buffer (Product # 00-8222) (100 µL of cell sample + 100 µL of IC Fixation Buffer) or 1-step Fix/Lyse Solution (Product # 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.
- Our internal testing suggests that Brilliant Violet™ 605 (BV605) is not compatible with methanol-based fixation.

Excitation: 407 nm; Emission: 605 nm; Laser: Violet Laser.

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Product Images For Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Brilliant Violet™ 605, eBioscience™



Mouse IgG1 kappa Isotype Control (406-4714-81) in Flow

Normal human peripheral blood cells were stained with CD3 Monoclonal Antibody, FITC (Product # 11-0037-42) and staining buffer (autofluorescence) (left) or 0.5 µg of Mouse IgG1 kappa Isotype Control, Brilliant Violet 605 (right). Viable cells in the lymphocyte gate were used for analysis, as determined by 7-AAD (Product # 00-6993-50).

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