

Rat IgG1 kappa Isotype Control (eBRG1), Brilliant Violet™ 480, eBioscience™

Product Details	
Size	50 µg
Host/Isotype	Rat / IgG1, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eBRG1
Conjugate	Brilliant Violet™ 480
Excitation/Emission Max	437/478 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_2925640

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Description: The monoclonal rat IgG1 kappa is useful as an isotype control immunoglobulin.

Applications Reported: This eBRG1 antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested: This eBRG1 antibody has been tested by flow cytometric analysis of normal human peripheral blood and mouse splenocytes. Use at the same concentration as the experimental antibody.

Brilliant Violet™ 480 (BV480) is a dye that emits at 479 nm and is intended for use on cytometers equipped with a violet (405 nm) laser. Please make sure that your instrument is capable of detecting this fluorochrome.

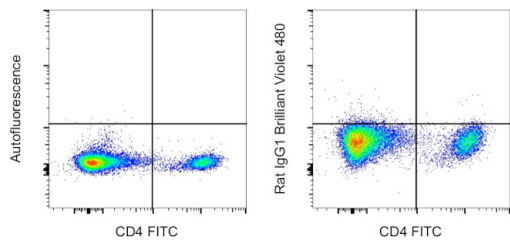
When using two or more Super Bright, Brilliant Violet™, Brilliant Ultra Violet™, or other polymer dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401-42) or Brilliant Stain Buffer™ (Product # 00-4409-75) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer or Brilliant Stain Buffer for more information.

Our internal testing suggests that Brilliant Violet™ 480 (BV480) is not compatible with methanol-based fixation.

Excitation: 440 nm; **Emission:** 479 nm; **Laser:** Violet Laser.

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Product Images For Rat IgG1 kappa Isotype Control (eBRG1), Brilliant Violet™ 480, eBioscience™



Rat IgG1 kappa Isotype Control (414-4301-81) in Flow

BALB/c mouse splenocytes were surface-stained with CD4 Monoclonal Antibody, FITC (Product # 11-0042-82), and then stained intracellularly, using the Intracellular Fixation & Permeabilization Buffer Set (Product # 88-8824-00) and protocol, with staining buffer (autofluorescence) (left) or 1.0 µg of Rat IgG1 kappa Isotype Control, Brilliant Violet 480 (right). Viable cells in the lymphocyte gate were used for analysis, as determined by LIVE/DEAD™ Fixable Aqua Dead Cell Stain Kit (Product # L34966).

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