

Rat IgG1 kappa Isotype Control (eBRG1), APC-eFluor 780, eBioscience™

Product Details	
Size	25 µg
Host/Isotype	Rat / IgG1, kappa
Class	Control
Type	Isotype Control
Clone	eBRG1
Conjugate	APC-eFluor® 780
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_1271986

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: APC-eFluor® 780 Rat IgG1 Isotype Control (APC-Alexa Fluor® 750 replacement) has been reported for use in flow cytometric analysis.

Applications Tested: Rat IgG1 K Isotype Control APC-eFluor® 780 has been tested by flow cytometric analysis of mouse splenocytes. Use isotype control at the same concentration as experimental antibody.

APC-eFluor 780 emits at 780 nm and is excited with the Red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

Light sensitivity: This tandem is sensitive to 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: 633-647 nm; **Emission:** 780 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

3 References

VX-765 reduces neuroinflammation after spinal cord injury in mice. *Neural Regen Res* (2021)

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

CRID3, a blocker of apoptosis associated speck like protein containing a card, ameliorates murine spinal cord injury by improving local immune microenvironment. *J Neuroinflammation* (2020)

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