

Rat IgG2a kappa Isotype Control (eBR2a), Super Bright 702, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Rat / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBR2a
Conjugate	Super Bright 702
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_2665353

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

Product Specific Information

Description: The monoclonal rat IgG2a, kappa is useful as an isotype control immunoglobulin.

Applications Reported: APC-eFluor® 780 Rat IgG2a Isotype Control has been reported for use in flow cytometric analysis.

Applications Tested: Rat IgG2a 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.

Super Bright 702 is a tandem dye that can be excited with the violet laser line (405 nm) and emits at 702 nm. We recommend using a 710/50 bandpass filter. Please make sure that your instrument is capable of detecting this fluorochrome.

When using two or more Super Bright dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Staining Buffer (cat. SB-4400) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer.

Light sensitivity: This tandem dye is sensitive to photo-induced oxidation. Protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 µL of cell sample + 100 µL of 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: 405 nm; Emission: 702 nm; Laser: Violet Laser

Super Bright Polymer Dyes are sold under license from Becton, Dickinson and Company.

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