

# Rat IgG2b kappa Isotype Control (eB149/10H5), Super Bright 600, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Rat / IgG2b, kappa
Class	Control
Type	Isotype Control
Clone	eB149/10H5
Conjugate	Super Bright 600
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_2637301

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

## Product Specific Information

**Description:** The rat IgG2b monoclonal antibody is useful as an isotype control immunoglobulin.

**Applications Reported:** This eB149/10H5 antibody has been reported for use in flow cytometric analysis.

**Applications Tested:** This eB149/10H5 antibody has been tested by flow cytometric analysis of normal human peripheral blood cells and mouse spleen cells. Use isotype control at the same concentration as experimental antibody.

Super Bright 600 is a tandem dye that can be excited with the violet laser line (405 nm) and emits at 600 nm. We recommend using a 610/20 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 Complete Staining Buffer (Product # SB-4401) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer for more information.

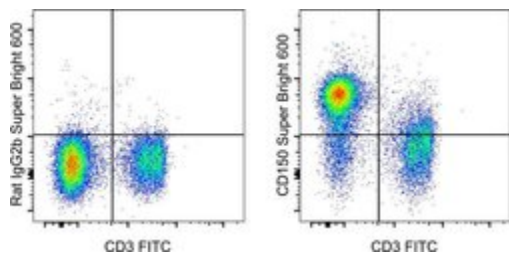
**Light sensitivity:** This tandem dye is sensitive to photo-induced oxidation. Protect this vial and stained samples from light.

**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 2-8°C with minimal impact on brightness and FRET efficiency /compensation. Some generalizations regarding fluorochrome performance after fixation can be made, but clone specific performance should be determined empirically.

Excitation: 405 nm; Emission: 600 nm; Laser: Violet Laser

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

## Product Images For Rat IgG2b kappa Isotype Control (eB149/10H5), Super Bright 600, eBioscience™



### Rat IgG2b kappa Isotype Control (63-4031-82) in Flow

C57BL/6 mouse splenocytes were stained with CD3 Monoclonal Antibody, FITC (Product # 11-0031-82) and 0.06 µg of Rat IgG2b kappa Isotype Control, Super Bright 600 (Product # 63-4031-82) (left) or 0.06 µg of CD150 Monoclonal Antibody, Super Bright 600 (right). Cells in the lymphocyte gate were used for analysis.

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