

Rat IgG2b kappa Isotype Control (eB149/10H5), PE, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Rat / IgG2b, kappa
Class	Control
Type	Isotype Control
Clone	eB149/10H5
Conjugate	PE
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_470042

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

Product Specific Information

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

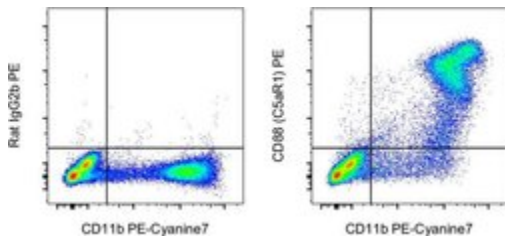
Applications Reported: This monoclonal rat IgG2b kappa isotype control has been reported for use in flow cytometric analysis.

Applications Tested: Rat IgG2b Isotype Control has been tested by flow cytometric analysis of mouse splenocyte suspensions. It should be used at the same concentration as the experimental antibody.

Excitation: 488-561 nm; Emission: 578 nm; Laser: Blue Laser, Green Laser, Yellow-Green Laser.

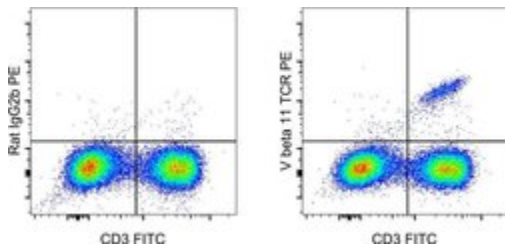
Filtration: 0.2 µm post-manufacturing filtered.

Product Images For Rat IgG2b kappa Isotype Control (eB149/10H5), PE, eBioscience™



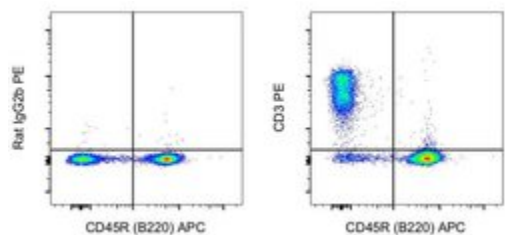
Rat IgG2b kappa Isotype Control (12-4031-82) in Flow

Mouse bone marrow cells were stained with CD11b Monoclonal Antibody, PE-Cyanine7 (Product # 25-0112-82) and 0.25 µg of Rat IgG2b kappa Isotype Control, PE (Product # 12-4031-83) (left) or 0.25 µg of CD88 (C5aR1) Monoclonal Antibody, PE (right). Total viable cells were used for analysis, as determined by Fixable Viability Dye eFluor 450 (Product # 65-0863-18).



Rat IgG2b kappa Isotype Control (12-4031-82) in Flow

C57BL/6 mouse lymph node cells were stained with CD3e Monoclonal Antibody, FITC (Product # 11-0031-82) and 0.125 µg of Rat IgG2b kappa Isotype Control, PE (Product # 12-4031-82) (left) or 0.125 µg of V beta 11 TCR Monoclonal Antibody, PE (right). Cells in the lymphocyte gate were used for analysis.



Rat IgG2b kappa Isotype Control (12-4031-82) in Flow

C57BL/6 mouse splenocytes were stained with CD45R (B220) Monoclonal Antibody, APC (Product # 17-0452-82) and 0.25 µg of Rat IgG2b kappa Isotype Control, PE (Product # 12-4031-83) (left) or 0.25 µg of CD3 Monoclonal Antibody, PE (right). Cells in the lymphocyte gate were used for analysis.

66 References

Downregulation of SLC27A6 by DNA Hypermethylation Promotes Proliferation but Suppresses Metastasis of Nasopharyngeal Carcinoma Through Modulating Lipid Metabolism. *Front Oncol* (2022)

Requirement of direct contact between chondrocytes and macrophages for the maturation of regenerative cartilage. *Sci Rep* (2021)

The mitochondrial iron transporter ABCB7 is required for B cell development, proliferation, and class switch recombination in mice. *Elife* (2021)

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