

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

Product Details	
Size	100 µg
Host/Isotype	Rat / IgG2b, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eB149/10H5
Conjugate	PE
Excitation/Emission Max	565/576 nm
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_470042

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Functional Assay (Functional)	-	0 Publication
Control (Ctrl)	Assay-Dependent	-

Product Specific Information

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

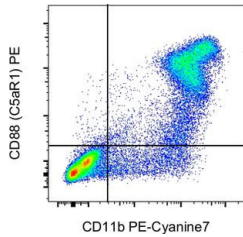
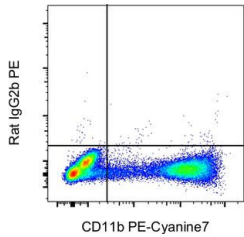
Applications Reported: This monoclonal rat IgG2b kappa isotype control has been reported for use in flow cytometric analysis.

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.

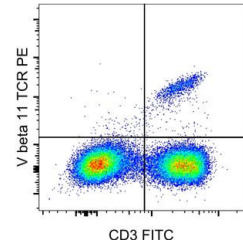
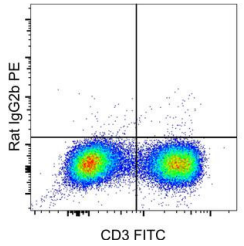
Filtration: 0.2 µm post-manufacturing filtered.

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



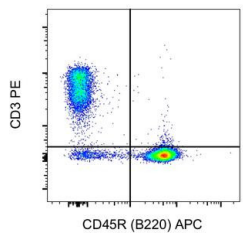
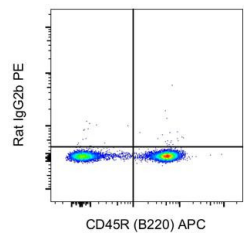
Rat IgG2b kappa Isotype Control (12-4031-82) in Flow

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.

86 References

Polymeric immunoglobulin receptor promotes Th2 immune response in the liver by increasing cholangiocytes derived IL-33: a diagnostic and therapeutic biomarker of biliary atresia. EBioMedicine (2024)

ALDH1A3 is the switch that determines the balance of ALDH+ and CD24-CD44+ cancer stem cells, EMT-MET, and glucose metabolism in breast cancer. Oncogene (2024)

Cell of origin alters myeloid-mediated immunosuppression in lung adenocarcinoma bioRxiv (2024)

GM-CSF-dependent CD301b+ lung dendritic cells confer tolerance to inhaled allergens Research Square (2024)

Resveratrol-cd inhibited premature ovarian insufficiency progression by regulating granulosa cell autophagy. J Ovarian Res (2024)

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