

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
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

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

Product Specific Information

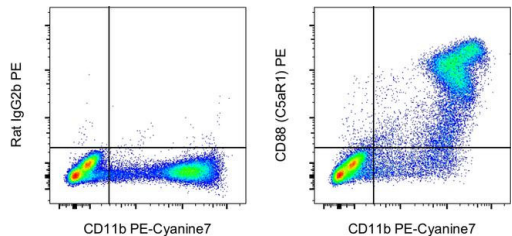
Description: The rat IgG2b, kappa monoclonal antibody is useful as an isotype control immunoglobulin.

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.

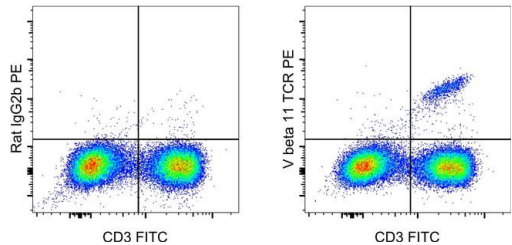
Excitation: 488-561 nm; **Emission:** 578 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.



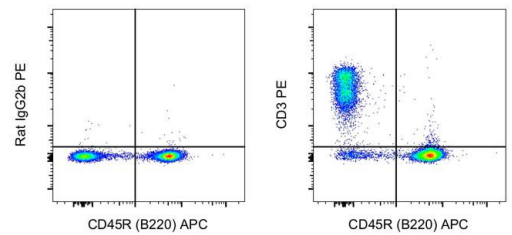
Rat IgG2b kappa Isotype Control (12-4031-82) in Flow

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.

78 References

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

Slow integrin-dependent migration organizes networks of tissue-resident mast cells. Nat Immunol (2023)

Establishing a novel and sensitive assay for bioactivity determination of anti-CD25 antibodies. Heliyon (2023)

The polarization of microglia and infiltrated macrophages in the injured mice spinal cords: a dynamic analysis. PeerJ (2023)

The regional distribution of resident immune cells shapes distinct immunological environments along the murine epididymis. Elife (2022)

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