

Rat IgG2a kappa Isotype Control (eBR2a), PE, eBioscience™

Product Details	
Size	25 µg
Host/Isotype	Rat / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBR2a
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_1834380

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.

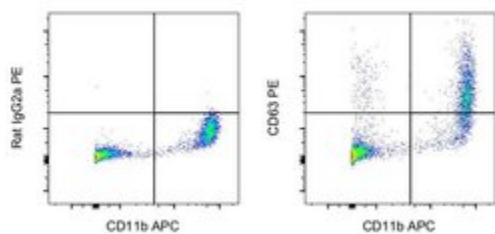
Applications Reported: This rat IgG2a isotype control has been reported for use in flow cytometric analysis.

Applications Tested: This Rat IgG2a K Isotype Control has been tested by flow cytometric analysis of mouse splenocytes and 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.

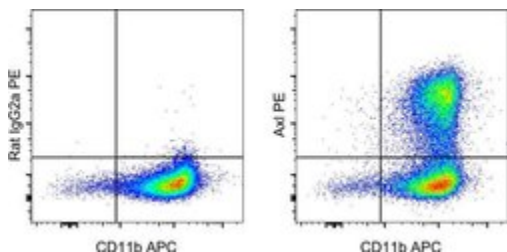
Filtration: 0.2 µm post-manufacturing filtered.

Product Images For Rat IgG2a kappa Isotype Control (eBR2a), PE, eBioscience™



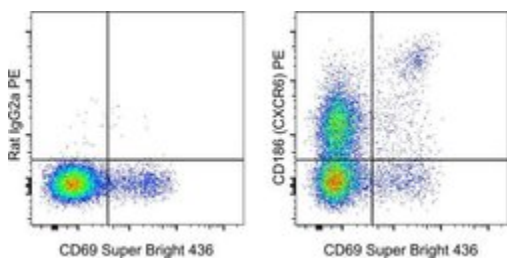
Rat IgG2a kappa Isotype Control (12-4321-80) in Flow

C57BL/6 mouse resident peritoneal exudate cells were surface stained with CD11b Monoclonal Antibody, APC (Product # 17-0112-82). Cells were then stained using the Intracellular Fixation and Permeabilization Buffer Set (Product # 88-8824-00) and protocol with 0.125 µg of Rat IgG2a kappa Isotype Control, PE (Product # 12-4321-82) (left) or 0.125 µg of CD63 Monoclonal Antibody, PE (right). Total viable cells, as determined by Fixable Viability Dye eFluor® 450 (Product # 65-0863-14), were used for analysis.



Rat IgG2a kappa Isotype Control (12-4321-80) in Flow

Mouse bone marrow cells were cultured in the presence of GM-CSF for 7 days, Fc blocked with CD16/CD32 Antibody (Product # 14-0161-82) and normal mouse serum, and subsequently stained with CD11b Monoclonal Antibody, APC (Product # 17-0112-82) and 0.06 µg of Rat IgG2a kappa Isotype Control, PE (Product # 12-4321-82) (left) or 0.06 µg of Axl Monoclonal Antibody, PE (right). Total viable cells were used for analysis, as determined by Fixable Viability Dye eFluor 450 (Product # 65-0863-18).



Rat IgG2a kappa Isotype Control (12-4321-80) in Flow

C57BL/6 mouse splenocytes were stained with CD3 Monoclonal Antibody, FITC (Product # 11-0031-82), CD69 Monoclonal Antibody, Super Bright 436 (Product # 62-0691-82) and 0.5 µg of Rat IgG2a kappa Isotype Control, PE (Product # 12-4321-82) (left) or 0.5 µg of CD186 (CXCR6) Monoclonal Antibody, PE (right). Cells in the CD3+ gate were used for analysis.

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49 References

Macrophages activated by hepatitis B virus have distinct metabolic profiles and suppress the virus via IL-1 to downregulate PPAR and FOXO3. *Cell Rep* (2022)

Multipotent progenitors and hematopoietic stem cells arise independently from hemogenic endothelium in the mouse embryo. *Cell Rep* (2021)

Preliminary analysis of immunoregulatory mechanism of hyperhomocysteinemia-induced brain injury in Wistar-Kyoto rats. *Exp Ther Med* (2021)

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