

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

Product Details	
Size	50 µg
Published Species	Cat, Human, Mouse
Host/Isotope	Rat / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBR2a
Conjugate	APC
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_470181

Applications	Tested Dilution	Publications
Control (Ctrl)	Assay-Dependent	1 Publication
Flow Cytometry (Flow)	Assay-Dependent	33 Publications
Immunofluorescence (IF)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	-	1 Publication

Product Specific Information

Description: The monoclonal rat IgG2a kappa is useful as an isotype control immunoglobulin.

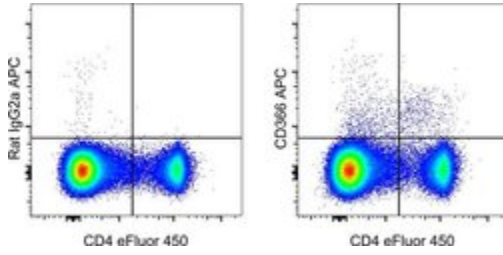
Applications Reported: This eBR2a antibody has been reported for use in flow cytometric analysis.

Applications Tested: This eBR2a antibody has been tested by flow cytometric analysis of mouse splenocytes and normal human peripheral blood cells and should be used at the same concentration as the experimental antibody.

Excitation: 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

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



Rat IgG2a kappa Isotype Control (17-4321-81) in Flow

Staining of C57BL/6 splenocytes with Anti-Mouse CD4 eFluor® 450 (Product # 48-5870) and 0.125 µg of Rat IgG2a K Isotype Control APC (Product # 17-4321-81) (left) or 0.125 µg of Anti-Mouse CD366 APC (right). Cells in the lymphocyte gate were used for analysis.

Flow Cytometry (33)

Frontiers in immunology

TGF- Affects the Differentiation of Human GM-CSF⁺ CD4⁺ T Cells in an Activation- and Sodium-Dependent Manner.

"17-4321 was used in Flow cytometry/Cell sorting to study the environmental cues that promote differentiation of granulocyte-macrophage colony-stimulating factor producing T cells."

Authors: Éliás S,Schmidt A,Kannan V,Andersson J,Tegnér J

Species
Human

Dilution
Not Cited

Year
2019

Frontiers in immunology

Bovine Lactoferrin Enhances TLR7-Mediated Responses in Plasmacytoid Dendritic Cells in Elderly Women: Results From a Nutritional Intervention Study With Bovine Lactoferrin, GOS and Vitamin D.

"17-4321 was used in Flow cytometry/Cell sorting to investigate the potential to restore Toll like receptor responsiveness of plasmacytoid dendritic cells and myeloid dendritic cells, and to reduce inflammatory markers in serum."

Authors: van Splunter M,Perdijk O,Fick-Brinkhof H,Feitsma AL,Floris-Vollenbroek EG,Meijer B,Brugman S,Savelkoul HFJ,van Hoffen E,van Neerven RJJ

Species
Not Applicable

Dilution
Not Cited

Year
2019

[View more Flow references on thermofisher.com](#)

Immunofluorescence (1)

European journal of medical research

The inflammatory phase of fracture healing is influenced by oestrogen status in mice.

"17-4321 was used in Immunohistochemistry to indicate that oestrogen-deficiency influences the early inflammatory phase after fracture."

Authors: Haffner-Luntzer M,Fischer V,Prystaz K,Liedert A,Ignatius A

Species
Not Applicable

Dilution
1:800

Year
2017

Immunohistochemistry (Paraffin) (1)

European journal of medical research

The inflammatory phase of fracture healing is influenced by oestrogen status in mice.

"17-4321 was used in Immunohistochemistry to indicate that oestrogen-deficiency influences the early inflammatory phase after fracture."

Authors: Haffner-Luntzer M,Fischer V,Prystaz K,Liedert A,Ignatius A

Species
Not Applicable

Dilution
1:800

Year
2017

More applications with references on thermofisher.com

Ctrl (1)

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