

Mouse anti-Rat IgG2b Secondary Antibody, PE, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Rat
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Secondary Antibody
Clone	R2B-7C3
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_10667744

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.06 µg/test	2 Publications

Product Specific Information

Description: The monoclonal antibody R2B-7C3 recognizes Rat IgG2b antibodies and can be used as a second step reagent in flow cytometry and microscopy. The monoclonal does not recognize other rat isotypes nor does it crossreact to mouse IgG2b or any mouse isotype antibodies.

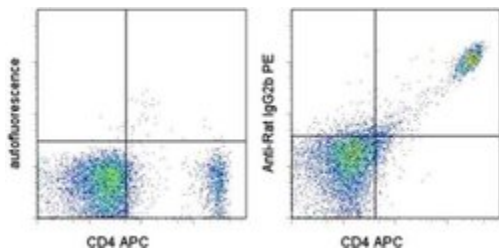
Applications Reported: This R2B-7C3 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This R2B-7C3 antibody has been tested by flow cytometric analysis of cells stained with rat IgG2b primary antibody. This can be used at less than or equal to 0.06 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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 Mouse anti-Rat IgG2b Secondary Antibody, PE, eBioscience™



Rat IgG2b Secondary Antibody (12-4815-82) in Flow

Staining of C57Bl/6 splenocytes with Anti-Mouse CD4 APC (clone GK1-5, a rat IgG2b isotype) (Product # 17-0041-82) and subsequently stained with buffer (autofluorescence) (left) or 0.03 µg of Anti-Rat IgG2b PE (right). Total viable cells were used for analysis.

2 References

Flow Cytometry (2)

Journal of immunology (Baltimore, Md. : 1950)

Myeloid Cell-Restricted Insulin/IGF-1 Receptor Deficiency Protects against Skin Inflammation.

"12-4815 was used in Flow cytometry/Cell sorting to provide evidence for a proinflammatory IR/IGF-1R-dependent pathway in myeloid cells which may be useful in the treatment against DM."

Authors: Knuever J, Willenborg S, Ding X, Akyüz MD, Partridge L, Niessen CM, Brüning JC, Eming SA

Species
Not Applicable

Dilution
Not Cited

Year
2015

Experimental and molecular pathology

FLT-3 expression and function on microglia in multiple sclerosis.

"12-4815 was used in Flow cytometry/Cell sorting to study the expression and function of FLT-3 in microglia in multiple sclerosis, suggesting that FLT-3 could be a therapeutic target to mitigate CNS inflammation."

Authors: DeBoy CA, Rus H, Tegla C, Cudrici C, Jones MV, Pardo CA, Small D, Whartenby KA, Calabresi PA

Species
Not Applicable

Dilution
Not Cited

Year
2010

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