

CD16/CD32 Monoclonal Antibody (93), FITC, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Fruit fly, Mouse, Human
Host/Isotope	Rat / IgG2a, lambda
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), FITC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	93
Conjugate	FITC
Form	Liquid
Concentration	0.5 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_464956

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	0.5 µg/test	12 Publications
Immunofluorescence (IF)	-		1 Publication

Product Specific Information

Description: The 93 monoclonal antibody reacts with an epitope shared by mouse CD16 and CD32. CD16 (Fc gamma III Receptor) and CD32 (Fc gamma II Receptor) are the low affinity receptors for the mouse IgG Fc portion and are expressed by B cells, monocyte/macrophages, NK cells, and neutrophils.

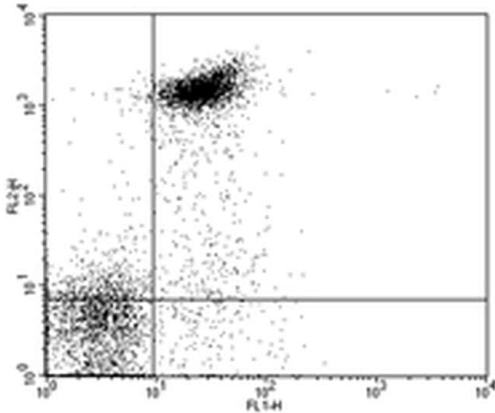
Applications Reported: The 93 antibody has been reported for use in flow cytometric analysis.

Applications Tested: The 93 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.5 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 nm; Emission: 520 nm; Laser: Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD16/CD32 Monoclonal Antibody (93), FITC, eBioscience™



CD16/CD32 Antibody (11-0161-82) in Flow

Staining of BALB/c splenocytes with Anti-Human/Mouse CD45R (B220) PE (Product # 12-0454-82) and 0.25 µg of Anti-Mouse CD16/CD32 FITC. Total viable cells were used for analysis.

View more figures on thermofisher.com

13 References

Flow Cytometry (12)

Nature communications

miR-143/145 differentially regulate hematopoietic stem and progenitor activity through suppression of canonical TGF signaling.

"Published figure using CD16/CD32 monoclonal antibody (Product # 11-0161-82) in Flow Cytometry"

Authors: Lam J, van den Bosch M, Wegrzyn J, Parker J, Ibrahim R, Slowski K, Chang L, Martinez-Høyer S, Condorelli G, Boldin M, Deng Y, Umlandt P, Fuller M, Karsan A

Species
Not Applicable

Dilution
Not Cited

Year
2018

eLife

lncRNA requirements for mouse acute myeloid leukemia and normal differentiation.

"11-0161 was used in Flow cytometry/Cell sorting to assess lncRNA function via an in vivo RNAi screen in a model of acute myeloid leukemia."

Authors: Delás MJ, Sabin LR, Dolzhenko E, Knott SR, Munera Maravilla E, Jackson BT, Wild SA, Kovacevic T, Stork EM, Zhou M, Erard N, Lee E, Kelley DR, Roth M, Barbosa IA, Zuber J, Rinn JL, Smith AD, Hannon GJ

Species
Mouse

Dilution
Not Cited

Year
2017

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

Immunofluorescence (1)

mBio

Gliotoxin Suppresses Macrophage Immune Function by Subverting Phosphatidylinositol 3,4,5-Trisphosphate Homeostasis.

"Published figure using CD16/CD32 monoclonal antibody (Product # 11-0161-82) in Flow Cytometry"

Authors: Schlam D, Canton J, Carreño M, Kopinski H, Freeman SA, Grinstein S, Fairn GD

Species
Not Applicable

Dilution
Not Cited

Year
2016

More applications with references on thermofisher.com

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