

CD11b Monoclonal Antibody (ICRF44), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Baboon, Chimpanzee, Cynomolgus Monkey, Human, Rhesus monkey
Published Species	Cynomolgus Monkey, Pig, Fish, Human, Mouse
Host/Isotope	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Туре	Antibody
Clone	ICRF44
Conjugate	APC
Form	Liquid
Concentration	5 μL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2016659

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 μL (0.5 μg)/test	24 Publications

Product Specific Information

Description: The ICRF44 monoclonal antibody reacts with human CD11b, a 165 kDa adhesion molecule. CD11b associated with integrin beta2 (CD18) is expressed on the surface of monocytes, granulocytes, activated lymphocytes and a subset of NK cells. CD11b is a receptor for intercellular adhesion molecule family members CD54, CD102 and CD50 as well as for iC3b. These adhesions are crucial in cell-cell and cell-matrix interactions.

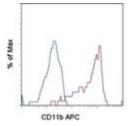
Applications Reported: This ICRF44 antibody has been reported for use in flow cytometric analysis.

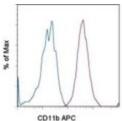
Applications Tested: This ICRF44 antibody has been pre-titrated and tested by flow cytometric analysis of normal human blood cells. This can be used at 5 µL (0.5 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

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

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD11b Monoclonal Antibody (ICRF44), APC, eBioscience™





CD11b Antibody (17-0118-42) in Flow

Staining of normal human peripheral blood cells with Mouse IgG1 kappa Isotype Control APC (Product # 17-4714-81) (blue histogram) or Anti-Human CD11b APC (purple histogram). Cells in the monocyte (left) or granulocyte (right) gate were used for analysis.

View more figures on thermofisher.com

□ 24 References

Flow Cytometry (24)

PloS one

Deacetylase activity-independent transcriptional activation by HDAC2 during TPA-induced HL-60 cell differentiation.

"Published figure using CD11b monoclonal antibody (Product # 17-0118-42) in Flow Cytometry"
Authors: Jung H,Kim JY,Kim KB,Chae YC,Hahn Y,Kim JW,Seo SB

SpeciesNot Applicable

Dilution Not Cited

Year 2019

Nature communications

Bioreactor-based mass production of human iPSC-derived macrophages enables immunotherapies against bacterial airway infections.

"17-0118 was used in Flow cytometry/Cell sorting to develop a novel, cell-based treatment strategy to target bacterial airway infections."

Authors: Ackermann M,Kempf H,Hetzel M,Hesse C,Hashtchin AR,Brinkert K,Schott JW,Haake K,Kühnel MP,Glage S, Figueiredo C,Jonigk D,Sewald K,Schambach A,Wronski S,Moritz T,Martin U,Zweigerdt R,Munder A,Lachmann N

Species Human

DilutionNot Cited

Year 2018

View more Flow references on thermofisher.com

More applications with references on thermofisher.com

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