

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
Type	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.

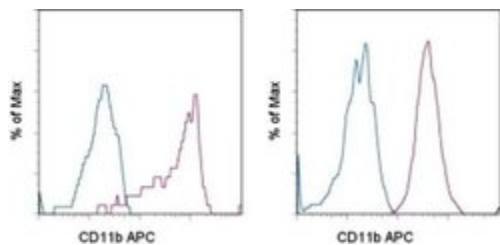
Applications Reported: This ICRF44 antibody has been reported for use in flow cytometric analysis.

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 10⁵ to 10⁸ 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

Species

Not 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

Dilution

Not Cited

Year

2018

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More applications with references on thermofisher.com

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