

CD11b Monoclonal Antibody (ICRF44), PE, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Baboon, Chimpanzee, Cynomolgus Monkey, Human, Rhesus monkey
Published Species	Fish, Human, Mouse
Host/Isotope	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), PE, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	ICRF44
Conjugate	PE
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_2043799

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.5 µg)/test	30 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.

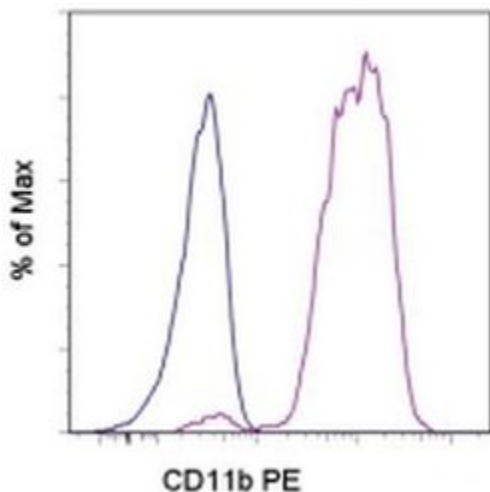
Applications Reported: The ICRF44 antibody has been reported for use in flow cytometric analysis.

Applications Tested: The ICRF44 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral 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: 488-561 nm; **Emission:** 578 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

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



CD11b Antibody (12-0118-42) in Flow

Staining of normal human peripheral blood cells with Mouse IgG1 kappa Isotype Control PE (Product # 12-4714-81) (blue histogram) or Anti-Human CD11b PE (purple histogram). Cells in the monocyte gate were used for analysis.

[View more figures on thermofisher.com](#)

30 References

Flow Cytometry (30)

PloS one

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

"12-0118 was used in Flow cytometry/Cell sorting to elucidate the mechanism underlying the differentiation of HL-60 cells in response to tetradecanoylphorbol-13-acetate."

Authors: Jung H, Kim JY, Kim KB, Chae YC, Hahn Y, Kim JW, Seo SB

Species

Human
Not Applicable

Dilution

Not Cited
Not Cited

Year

2019

Neoplasia (New York, N.Y.)

Genetic and Epigenetic Perturbations by DNMT3A-R882 Mutants Impaired Apoptosis through Augmentation of PRDX2 in Myeloid Leukemia Cells.

"12-0118 was used in Flow cytometry/Cell sorting to study the effects of DNMT3A-Arg882His/Cys (R882H/C) mutations in myeloid leukaemia cells."

Authors: Bera R, Chiu MC, Huang YJ, Liang DC, Lee YS, Shih LY

Species

Human

Dilution

Not Cited

Year

2018

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More applications with references on thermofisher.com

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