

CD11b antibody [ICRF44]

Cat. No. GTX00481

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-Fr, FCM, IP, Activation, Neutralizing/Inhibition
Reactivity	Human, Pig, Baboon, Chimpanzee, Cynomolgus monkey, Rhesus Monkey

References (12)

Package

100 µg

PRODUCT

Summary

The ICRF44 antibody reacts with human CD11b, also known as integrin α M. This 165-170 kDa cell surface glycoprotein is part of a family of integrin α receptors that mediate adhesion between cells (cell-cell) and components of the extracellular matrix, e.g. fibrinogen (cell-matrix). In addition, integrin α s are active signaling receptors which recruit leukocytes to inflammatory sites and promote cell activation. Complete, functional integrin α receptors consist of distinct combinations of integrin α chains which are differentially expressed. Integrin α M (CD11b) assembles with integrin α β -2 (CD18) into a receptor known as Macrophage Antigen-1 (Mac-1) or complement receptor type 3 (CR3). This receptor binds and induces intracellular signaling through ICAM-1, ICAM-2, ICAM-3 and ICAM-4 on endothelial cells and can also facilitate removal of iC3b bearing foreign cells.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
Activation	Assay dependent
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

Calculated MW 127 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl
Preservative	0.09% Sodium azide



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Date 2026 / 01 / 28 Page 1 of 2

Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Rheumatoid synovial cells and human monocytes.
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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Date 2026 / 01 / 28 Page 2 of 2