

CD11b antibody [M1/70]

Cat. No. GTX00608

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Applications	ICC/IF, IHC-P, IHC-Fr, FCM, IP, Depletion, Neutralizing/Inhibition
Reactivity	Human, Mouse, Rabbit, Baboon, Chimpanzee, Cynomolgus monkey, Rhesus Monkey

References (11)

Package

100 µg

PRODUCT

Summary

The M1/70 antibody reacts with human and mouse 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 beta-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 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
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
Depletion	Assay dependent
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

Properties

Form	Liquid
Buffer	10mM NaH ₂ PO ₄ , 150mM NaCl
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.



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Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	B10 mouse spleen cells enriched for T cells
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>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.</p>



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