

# CD11b antibody [M1/70]

### Cat. No. GTX00608

Host	Rat
Clonality	Monoclonal
Isotype	lgG2b
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  $\alpha$ alpha M. This 165-170 kDa cell surface glycoprotein is part of a family of integrin  $\alpha$ receptors that mediate adhesion between cells (cell-cell) and components of the extracellular matrix, e.g. fibrinogen (cell-matrix). In addition, integrin  $\alpha$ s are active signaling receptors which recruit leukocytes to inflammatory sites and promote cell activation. Complete, functional integrin  $\alpha$ receptors consist of distinct combinations of integrin  $\alpha$ chains which are differentially expressed. integrin  $\alpha$ alpha M (CD11b) assembles with integrin  $\alpha$ 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 NaH₂PO₄, 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	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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