

## CD11b antibody [M1/70] (FITC)

## Cat. No. GTX80051

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Applications	FCM
Reactivity	Human, Mouse, 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  $\alpha$ 1 $\beta$ 2. 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  $\alpha$ 1 $\beta$ 2 (CD11b) assembles with integrin  $\alpha$ 2 $\beta$ 1 (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
FCM	Assay dependent

Not tested in other applications.

## Properties

Form	Liquid
Buffer	10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.
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	Fluorescein isothiocyanate (FITC) <a href="#">Wavelength</a>



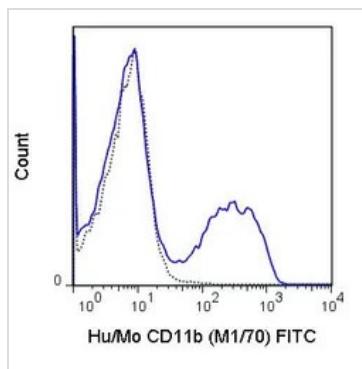
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**Note**

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.

**DATA IMAGES****GTX80051 FCM Image**

FACS analysis of C57Bl/6 bone marrow cells using GTX80051 CD11b antibody [M1/70] (FITC).

Solid line : Primary antibody

Dashed line : FITC rat IgG2b isotype control

Antibody amount : 0.5 µg



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