

CD11b antibody [M1/70] (APC)

Cat. No. GTX57222

Host	Rat	References (11)
Clonality	Monoclonal	Package
Isotype	IgG2b	100 µg
Applications	FCM	
Reactivity	Human, Mouse, Baboon, Chimpanzee, Cynomolgus monkey, Rhesus Monkey	

PRODUCT

Summary

The M1/70 antibody reacts with human and mouse CD11b, also known as integrin α 1 β 2. 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 1 β 2 (CD11b) assembles with integrin α 2 β 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 ₂ PO ₄ , 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	0.2 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	Allophycocyanin (APC) Wavelength



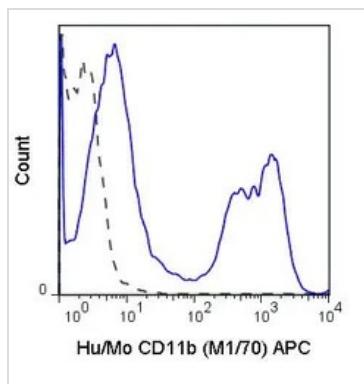
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Note

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**GTX57222 FCM Image**

FACS analysis of C57Bl/6 bone marrow cells using GTx57222 CD11b antibody [M1/70] (APC).

Solid line : Primary antibody

Dashed line : APC rat IgG2b isotype control

Antibody amount : 0.125 µg



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