

## CD11b antibody [ICRF44] (PE)

Cat. No. GTX00481-08

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM
Reactivity	Human, Pig, Baboon, Chimpanzee, Cynomolgus monkey, Rhesus Monkey

References ( 12 )

Package

100 test

## PRODUCT

## Summary

The ICRF44 antibody reacts with human CD11b, also known as integrin  $\alpha$  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  $\alpha$  M (CD11b) assembles with integrin  $\beta$  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, 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
FCM	1 $\mu$ g (5 $\mu$ l) for $10^5$ - $10^8$ cells in 100 $\mu$ l sample per test

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	0.2 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	Phycoerythrin (PE) <a href="#">Wavelength</a>



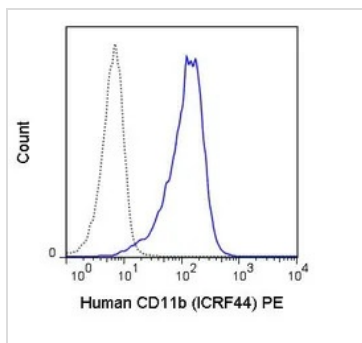
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## Note

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



### GTx00481-08 FCM Image

FACS analysis of human peripheral blood monocytes using GTx00481-08 CD11b antibody [ICRF44] (PE).

Solid line : Primary antibody

Dashed line : PE mouse IgG1 isotype control

Antibody amount : 1  $\mu$ g



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