

A Reliable Research Partner in Life Science and Medicine

## PE Anti-Mouse/Human CD11b Antibody[M1/70]

Catalog Number: E-AB-F1081D

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Human; Mouse

Host Rat

Rat IgG2b, ĸ Isotype Clone No. M1/70

PE Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842D] Isotype Control

Conjugation

**Conjugation Information** PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green

(561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42

nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

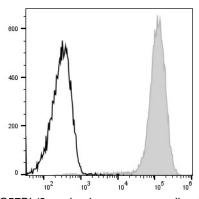
#### **Applications** Recommended usage

**FCM** Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

#### **Data**



Staining of C57BL/6 murine bone marrow cells with PE Anti-Mouse/Human CD11b Antibody[M1/70] (filled gray histogram) or PE Rat IgG2b, κ Isotype Control (empty black histogram). Cells in the large scatter population were used for analysis.

#### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

#### **Antigen Information**

**Alternate Names** CD11 antigen-like family member B;CD11b;CR-3 alpha chain;Integrin alpha-M;Itgam;

Leukocyte adhesion receptor MO1

### For Research Use Only

Fax: 1-832-243-6017 Tel: 1-832-243-6086 Toll-free: 1-888-852-8623 Web:www.elabscience.com

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Uniprot ID Gene ID Background P05555;P11215 16409;3684

CD11b is a 170 kD glycoprotein also known as  $\alpha M$  integrin, Mac-1  $\alpha$  subunit, Mol, CR3, and Ly-40. CD11b is a member of the integrin family, primarily expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b non-covalently associates with CD18 ( $\beta 2$  integrin) to form Mac-1. Mac-1 plays an important role in cell-cell interaction by binding its ligands ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4 (CD242), iC3b, and fibrinogen.

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 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web:www.elabscience.com
 Email:techsupport@elabscience.com
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