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PE/Cyanine7 Anti-Mouse/Human CD11b Antibody[M1/70]

Catalog Number: E-AB-F1081UH

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

Description

Reactivity Human; Mouse

Host Rat

 Isotype
 Rat IgG2b, κ

 Clone No.
 M1/70

Isotype Control PE/Cyanine7 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843H]

Conjugation PE/Cyanine 7

Conjugation Information PE/Cyanine7 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 775 nm

(e.g., a 780/60 nm bandpass filter).

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

Applications Recommended usage

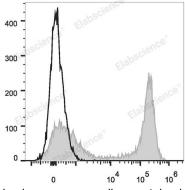
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the

reagent to obtain optimal results [The recommended concentration is 0.1-1 $\mu g/10^6$ cells

in 100 µL volume].

Data



C57BL/6 murine bone marrow cells are stained with PE/Cyanine7 Anti-Mouse/Human CD11b Antibody (filled gray histogram). Unstained bone marrow cells (empty black histogram) are used as control.

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 lce bag

Antigen Information

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

Leukocyte adhesion receptor MO1

Uniprot ID P05555;P11215

For Research Use Only

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Gene ID **Background** 16409;3684

CD11b is a 170 kD glycoprotein also known as αM integrin, Mac-1 α 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 (β2 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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