

Manufacturer/Supplier:

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Product name: Anti-Mouse/Human CD11b Monoclonal
Antibody(PE/Cyanine5 Conjugated)

Catalog: DL20950F

Synonyms: Integrin alpha-M, Itgam, CD11 antigen-like family
member B, CR-3 alpha chain, Leukocyte adhesion
receptor MO1, CD11b

Background: CD11b is a 170 kD glycoprotein also known as α M
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
(β 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.

Form: Liquid

Isotype: Rat IgG2b, κ

Size: 25 μ g/100 μ g

Host: Rat

Reactivity: Human, Mouse

Application: FCM

Concentration: 0.2 mg/mL

Conjugation: PE/Cyanine5

SwissProt: P05555,P11215

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

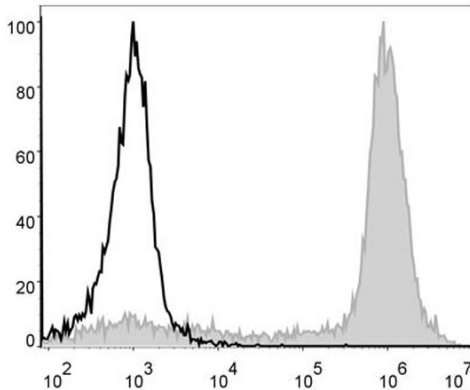
Recommended Use:

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 μ g/10⁶cells in 100 μ L volume].

Data:

Mouse bone marrow cells are stained with Anti-Mouse/Human CD11b Monoclonal Antibody(PE/Cyanine5 Conjugated)[Used at 0.01

$\mu\text{g}/10^6$ cells dilution](filled gray histogram). Unstained bone marrow cells (blank black histogram) are used as control.



Storage:

Keep as concentrated solution.

Store at $2\sim 8^{\circ}\text{C}$ and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.