

Cat. No: MAB-94456
Conjugate: Unconjugated
Size: 100 ug
Clone: M1/70
Concentration: 0.5 mg/mL
Host: Rat
Isotype: Rat IgG2b, κ
Reactivity: Human, Mouse

Applications: FLOW CYTOMETRY
Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 0.125 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Purification: Purified

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 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 noncovalently 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.

Form: Liquid

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

Storage: Store at 2~8°C, Avoid freeze / thaw cycles

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