

**Cat. No:** MAB-94456  
**Conjugate:** Unconjugated  
**Size:** 100 ug  
**Clone:** M1/70  
**Concentration:** 0.5 mg/mL  
**Host:** Rat  
**Isotype:** Rat IgG2b,  $\kappa$   
**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  $100 \mu\text{L}$  volume or  $100 \mu\text{L}$  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  $\alpha\text{M}$  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 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  $2\sim 8^{\circ}\text{C}$ , Avoid freeze / thaw cycles

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