

<b>Cat. No:</b>	MAB-94456
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	M1/70
<b>Concentration:</b>	0.5 mg/mL
<b>Host:</b>	Rat
<b>Isotype:</b>	Rat IgG2b, $\kappa$
<b>Reactivity:</b>	Human, Mouse
<b>Applications:</b>	<p>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 <math>\leq 0.125 \mu\text{g}</math> per <math>10^6</math> cells in <math>100 \mu\text{L}</math> volume or <math>100 \mu\text{L}</math> of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.</p>
<b>Purification:</b>	Purified
<b>Synonyms:</b>	Integrin $\alpha$ -M, Itgam, CD11 antigen-like family member B, CR-3 $\alpha$ chain, Leukocyte adhesion receptor MO1, CD11b
<b>Background:</b>	<p>CD11b is a 170 kD glycoprotein also known as <math>\alpha</math>M integrin, Mac-1 <math>\alpha</math> 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 (<math>\beta</math>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.</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Storage:</b>	Store at $2\sim 8^{\circ}\text{C}$ , Avoid freeze / thaw cycles

**For Research use only**  
**IMMUNOLOGICAL SCIENCES**