



# Rat Anti-Mouse/Human CD11b mAb (PE/TR)

<b>Catalog No</b>	YP-Ab-17758
<b>Isotype</b>	IgG2b
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	FC
<b>Gene Name</b>	Mouse/Human CD11b
<b>Alternative Names</b>	Integrin alpha-M; Itgam; CD11 antigen-like family member B; CR-3 alpha chain; Leukocyte adhesion receptor MO1; CD11b
<b>Research Field</b>	-
<b>Product Categories</b>	Flowcytometry
<b>Host</b>	Rat
<b>Molecular Weight</b>	-
<b>Clonality</b>	Monoclonal antibody
<b>Clonality No.</b>	M1/70
<b>Dilution</b>	FC: 5μL per test for million cells or whole blood in 100 μL volume.
<b>Immunogen</b>	A synthesized peptide derived from Human CD11b
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	PE/TR
<b>Modification</b>	Unmodified
<b>Form</b>	Liquid
<b>Buffer System</b>	Liquid in PBS with 0.05% Proclin300, 1% BSA
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage</b>	Store at 2-8°C and protected from prolonged exposure to light. Avoid freeze/thaw cycles
<b>Background</b>	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.

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images