

# Purified Anti-Mouse/Human CD11b Antibody[M1/70]

catalog number: E-AB-F1081A

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

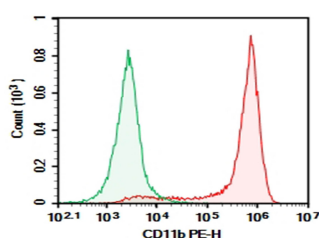
<b>Reactivity</b>	Human;Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b, $\kappa$
<b>Clone</b>	M1/70
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	PBS, pH 7.2. Contains 0.05% proclin 300.

## Applications

## Recommended Dilution

<b>FCM</b>	2 $\mu\text{g}/\text{mL}$ ( $1 \times 10^5$ - $5 \times 10^5$ cells)
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## Data



C57/BL6 Mouse bone marrow cells were stained with 0.2  $\mu\text{g}$  Purified Anti-Mouse/Human CD11b Antibody[M1/70] (Right) and 0.2  $\mu\text{g}$  Rat IgG2b,  $\kappa$  Isotype Control (Left), followed by PE-conjugated Goat Anti-Rat IgG Secondary Antibody.

## Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

## Background

CD11b is a 170 kD glycoprotein also known as  $\alpha\text{M}$  integrin, Mac-1  $\alpha$  subunit, Mo1, 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 ( $\beta 2$  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.

## For Research Use Only