

## PE/Cy5 Anti-Mouse CD11b Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M10117-35A	25 µg
M10117-35C	100 µg

**Market** | 400-621-0003  
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**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.  
This product is guaranteed up to one year from purchase.

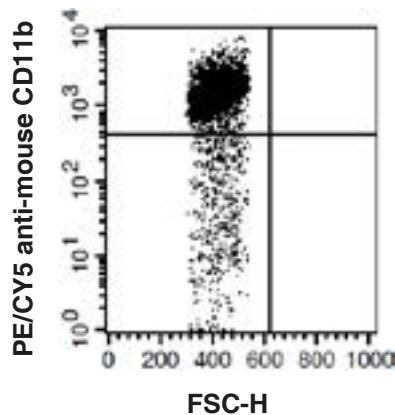
### Purified Antibody Characterization

Clone	Isotype	Reactivity
M1/70	Rat IgG2b	Mouse

### Description

CD11b is a 170 kD glycoprotein also known as  $\alpha$ M integrin, Mac-1  $\alpha$  subunit, Mol, CR3, or 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.

### Illustration of Immunofluorescent Staining



C57BL/6 mouse granulocyte of bone marrow  
stained with PE/Cy5 anti-mouse CD11b

### Product Information

**Conjugation:** PE/Cy5

**Formulation:** PBS pH 7.2, 0.09%  $\text{NaN}_3$ , 0.2% BSA

**Concentration:** 0.2 mg/ml

**Storage:** Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

**Application:** Recommended Application: FC

**Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used  $\leq 0.25 \mu\text{g} / 10^6$  cells in 100  $\mu\text{l}$ ). Since applications vary, the appropriate dilutions must be determined for individual use.

### References

- [1] Tailleux L. 2003. J. Exp. Med. 197:121.
- [2] Olver S, et al. 2006. Cancer Research 66:571.
- [3] Tan SL, et al. 2006. J. Immunol. 176:2872.

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