

## PE/Cy7 Anti-Mouse CD11c 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
M10118-17A	25 µg
M10118-17C	100 µg

<b>Market</b>	400-621-0003 marketing@sungenebiotech.com
<b>Support</b>	022-66211636-8024 techsupport@sungenebiotech.com
<b>Web</b>	www.sungenebiotech.com

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

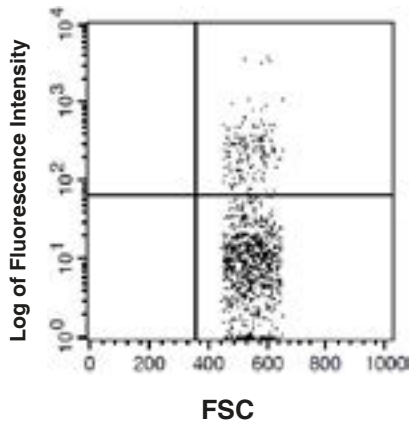
### Purified Antibody Characterization

Clone	Isotype	Reactivity
N418	Hamster IgG	Mouse

### Description

CD11c is a 150 kD glycoprotein also known as  $\alpha$ X integrin, CR4, or p150. CD11c forms a  $\alpha$ X $\beta$ 2 heterodimer with  $\beta$ 2 integrin (CD18). It is primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes (IEL), and some activated T cells. The  $\alpha$ X $\beta$ 2 integrin plays an important role in cell-cell contact by binding its ligands, iC3b, fibrinogen, and CD54.

### Illustration of Immunofluorescent Staining



C57BL/6 mouse bone marrow lymphocytes were stained with APC Anti-mouse CD11c

### Product Information

**Conjugation:** PE/Cy7

**Formulation:** PBS pH 7.2, 0.09% NaN<sub>3</sub>, 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  $\leq 0.25$  µg /10<sup>6</sup> cells in 100 µl). Since applications vary, the appropriate dilutions must be determined for individual use.

### References

- [1] Granucci F, et al. 1997. J. Immunol. 159:1794.
- [2] Stokes RW, et al. 1998. J. Immunol. 160:5514.
- [3] Cervantes-Barragan L, et al. 2007. Blood 109:1131.
- [4] Turnquist HR, et al. 2007. J. Immunol. 178:7018.
- [5] Benson MJ, et al. 2007. J. Exp. Med. doi:10.1084/jem.20070719.

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