

Biotin 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 |
|----------------|-----------|
| M10118-08B | 50 µg |
| M10118-08E | 500 µg |

Market | 400-621-0003
marketing@sungenebiotech.com

Support | 022-66211636-8024
techsupport@sungenebiotech.com

Web | 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.

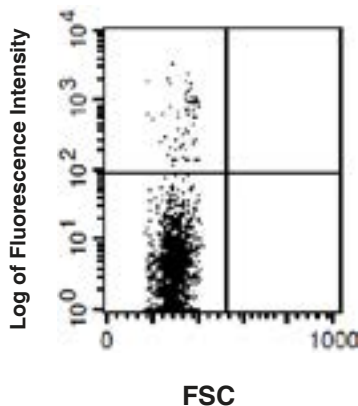
Purified Antibody Characterization

| Clone | Isotype | Reactivity |
|-------|-------------|------------|
| N418 | Hamster IgG | Mouse |

Description

CD11c is a 150 kD glycoprotein also known as αX 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 Biotin anti-mouse CD11c antibody, followed by PE-Streptavidin

Product Information

Conjugation: Biotin

Formulation: PBS pH 7.2, 0.09% NaN_3 , 0.2% BSA

Concentration: 0.5 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 ≤ 0.25 µg / 10^6 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.

For Research Use Only.