

PE/Cy5 Anti-Human CD11a 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 |
|----------------|-----------|
| H20112-35G | 25 tests |
| H20112-35H | 100 tests |

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 |
|-------|------------|------------|
| HI11a | Mouse IgG1 | Human |

Description

CD11a is a 170-180 kD type I transmembrane glycoprotein also known as LFA-1 α chain and integrin α L subunit. CD11a non-covalently associates with integrin β 2 (CD18) to form LFA-1. It is expressed on all leukocytes, including B and T lymphocytes, monocytes, macrophages, neutrophils, basophils and eosinophils. It is absent on non-hematopoietic tissues and platelets. CD11a plays a central role in leukocyte cell-cell interactions and is important in lymphocyte costimulation. CD11a/CD18 binds to ICAM-1 (CD54), ICAM-2 (CD102), and ICAM-3 (CD50).

Product Information

Conjugation: PE/Cy5

Formulation: PBS pH 7.2, 0.09% NaN₃, 0.2% BSA

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 from 20 μ L to 5 μ L per 100 μ L of peripheral blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

References

- [1] Knapp W, et al. 1989. Leucocyte Typing IV. Oxford University Press New York.
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- [4] B  chard D, et al. 2001. *J. Immunol.* 167:3099.
- [5] Sithu SD, et al. 2007. *J. Biol. Chem.* doi:10.1074/jbc.M611273200.
- [6] Choi EY, et al. 2008. *Blood* 111:3607. PubMed.
- [7] Yoshino N, et al. 2000. *Exp. Anim. (Tokyo)* 49:97.
- [8] Ma Q, et al. 2002. *J. Biol. Chem.* 277:10638.

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