

FITC 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
H20112-02G	25 tests
H20112-02H	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: FITC

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

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- [2] Leite F, et al. 2002. *Infect. Immun.* 70:4336.
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- [4] Béchard 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.
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- [8] Ma Q, et al. 2002. *J. Biol. Chem.* 277:10638.

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