

Manufacturer/Supplier:

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Product name: AF/LE Purified Anti-Human CD11a Monoclonal
Antibody

Catalog: DL22231F

Synonyms: Integrin alpha-L, LFA-1A, CD11A, ITGAL

Background: 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).

Form: Liquid

Isotype: Mouse IgG1, κ

Size: 50 μ g/500 μ g/1mg

Host: Mouse

Reactivity: Human

Application: FA, FCM

Concentration: 0.5 mg/mL

Conjugation: None (Purified antibody, Azide Free/Low endotoxin)

SwissProt: P20701

Buffer: 0.2 μ m filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.