

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD11a Monoclonal Antibody(AF647  
Conjugated)

**Catalog:** DL20735F

**Synonyms:** Integrin alpha-L, Itgal, CD11 antigen-like family  
member A, LFA-1A, Lymphocyte antigen  
15, Ly-15, CD11a

**Background:** CD11a is a 170-180 kD type I transmembrane glycoprotein also known as LFA-1 $\alpha$  chain and integrin  $\alpha$ L subunit. CD11a non-covalently associates with integrin  $\beta$ 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,  $\kappa$

**Size:**

20Tests/100Tests/100Tests $\times$ 2

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** AF647

**SwissProt:** P20701

**Buffer:** Phosphate buffered solution, pH 7.2, containing  
0.09% stabilizer and 1% protein protectant.

### **Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**Storage:**

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.