

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD11a Monoclonal  
Antibody(PE/Cyanine5 Conjugated)

**Catalog:** DL20509F

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

**Background:** CD11a is a 180 kD glycoprotein, also known as  $\alpha$ L integrin, LFA-1  $\alpha$ , Ly-15, or Ly-21. It is a member of the integrin family, primarily expressed on lymphocytes, monocytes/macrophages, and granulocytes. In association with CD18, the CD11a/CD18 complex forms LFA-1. CD11a plays an important role in intercellular adhesion and costimulation by binding its ligands, ICAM-1 (CD54), ICAM-2 (CD102), and ICAM-3 (CD50).

**Form:** Liquid

**Isotype:** Rat IgG2b,  $\kappa$

**Size:**

**Host:** Rat

50Tests/100Tests/100Tests $\times$ 2

**Reactivity:** Mouse

**Application:** FCM

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

**Conjugation:** PE/Cyanine5

**SwissProt:** P24063

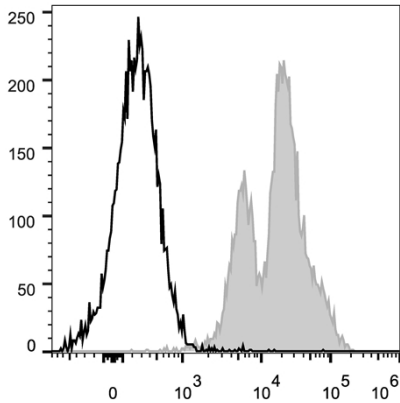
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### 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.

### Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD11a Monoclonal Antibody(PE/Cyanine5 Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



### 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.