

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse/Human CD11b Monoclonal  
Antibody(Biotin Conjugated)

**Catalog:** DL20935F

**Synonyms:** Integrin alpha-M, Itgam, CD11 antigen-like family  
member B, CR-3 alpha chain, Leukocyte adhesion  
receptor MO1, CD11b

**Background:** CD11b is a 170 kD glycoprotein also known as  $\alpha$ M  
integrin, Mac-1  $\alpha$  subunit, Mol, CR3, and Ly-40.  
CD11b is a member of the integrin family, primarily  
expressed on granulocytes, monocytes/macrophages,  
dendritic cells, NK cells, and subsets of T and B  
cells. CD11b non-covalently associates with CD18  
( $\beta$ 2 integrin) to form Mac-1. Mac-1 plays an  
important role in cell-cell interaction by binding its  
ligands ICAM-1 (CD54), ICAM-2 (CD102),

ICAM-4 (CD242), iC3b, and fibrinogen.

**Form:** Liquid

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

**Size:** 25 $\mu$ g/100 $\mu$ g

**Host:** Rat

**Reactivity:** Human, Mouse

**Application:** FCM

**Concentration:** 0.5 mg/mL

**Conjugation:** Biotin

**SwissProt:** P05555,P11215

**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. For flow cytometric staining, the suggested use of this reagent is  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  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 and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.