

**Manufacturer/Supplier:**

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**Product name:** AF/LE Purified Anti-Mouse CD18 Monoclonal  
Antibody

**Catalog:** DL21383F

**Synonyms:** Integrin beta-2, Itgb2, Cell surface adhesion  
glycoproteins LFA-1/CR3/p150+95 subunit  
beta, Complement receptor C3 subunit beta, CD18

**Background:** CD18 is a 95 kD protein, also known as integrin  $\beta$ 2 subunit. It is expressed on all leukocytes. CD18, in association with integrin  $\alpha$  chain CD11a, CD11b, and CD11c forms LFA-1, Mac-1, and  $\alpha$ X $\beta$ 2, respectively, and plays an important role in leukocytes adhesion. The CD18 integrin complexes bind ICAM-1 (CD54), ICAM-2 (CD102), ICAM-3 (CD50), iC3b, and fibrinogen.

**Form:** Liquid

**Isotype:** Rat IgG2a,  $\kappa$

**Size:** 50 $\mu$ g/500 $\mu$ g/1mg

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM, WB, IHC, IP

**Concentration:** 0.5 mg/mL

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

**SwissProt:** P11835

**Buffer:** 0.2  $\mu$ 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  $\mu\text{L}$  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. Do not freeze.

This product is guaranteed up to one year from purchase.