

**Manufacturer/Supplier:**

WUXI DONGLIN SCI&TECH DEVELOPMENT CO., LTD

**Address:** A1-203 Mingpin CityII, No.8 Xihudong Road. Liangxi District  
Wuxi Jiangsu Province, China

TELE: 86-510-82732223

FAX: 86-510-82720101-8014

**Web :** [www.dldevelop.com](http://www.dldevelop.com)

Email: [info@dldevelop.com.cn](mailto:info@dldevelop.com.cn)    [service@dldevelop.com.cn](mailto:service@dldevelop.com.cn)

**Product name:** Purified Anti-Mouse CD18 Monoclonal Antibody

**Catalog:** DL21384F

**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:** 25µg/100µg

**Host:** Rat

**Reactivity:** Mouse

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

**Concentration:** 0.5 mg/mL

**Conjugation:** Unconjugated

**SwissProt:** P11835

**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### **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.