

Manufacturer/Supplier:

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Product name: Anti-Mouse CD18 Monoclonal Antibody(PE
Conjugated)

Catalog: DL21389F

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 β 2 subunit. It is expressed on all leukocytes. CD18, in association with integrin α chain CD11a, CD11b, and CD11c forms LFA-1, Mac-1, and α X β 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, κ

Size: 25 μ g/100 μ g

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration: 0.2 mg/mL

Conjugation: PE

SwissProt: P11835

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. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/10⁶cells in 100 μ L volume].

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.