
CD18 (HI18a) Antibody

Subcategory: Mouse Monoclonal Antibody, FITC-conjugated Antibody

Cat. No.: 251006

Unit: 2 ml

Description:

The CD18 (HI18a) antibody recognizes a 95-kDa transmembrane protein, integrin beta-2 subunit, which associates respectively with the integrin α subunits: CD11a, CD11b, CD11c and CD11d forming four heterodimers named CD11a/CD18 (LFA-1), CD11b/CD18 (Mac-1), CD11c/CD18 (p150,95) and CD11d/CD18 (α d β 2). CD18 integrin is expressed exclusively on leukocytes and plays an important role in homotypic and heterotypic cellular adhesion in immune and inflammatory responses. Patients who have mutated CD18 gene do not express cell membrane CD11/CD18 integrins, a condition known as leukocyte adhesion deficiency (LAD).

Isotype: mouse IgG1

Applications: FC

Species Reactivity: H

Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Integrin beta-2; Cell surface adhesion glycoproteins LFA-1/CR3/p150,95 subunit beta; Complement receptor C3 subunit beta; CD18; ITGB2; MFI7

Accession No.: P05107

Application Notes: FC with whole blood: 100 μ l blood + 20 μ l antibody; FC with cells: 10E6 cells + 20 μ l antibody.

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.