
CD18 Integrin beta-2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251165

Unit: 0.1 mg

Description:

CD18 Integrin beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. CD18 Integrin beta-2 is a receptor for the iC3b fragment of the third complement component and for fibrinogen. CD18 Integrin beta-2 recognizes the sequence G-P-R in fibrinogen alpha-chain, binds P1 and P2 peptides of fibrinogen gamma chain, and is also a receptor for factor X. Defects in CD18 Integrin beta-2 are the cause of leukocyte adhesion deficiency type 1 (LAD1). LAD1 patients have recurrent bacterial infections and their leukocytes are deficient in a wide range of adhesion-dependent functions.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by immunogen-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; Integrin ?2; Integrin-?2

Accession No.: P05107

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD18 Integrin beta-2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

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