

Anti-Integrin β -5 Antibody

CATALOG NO.: **A1832-30T 30 μ g.**
A1832-100 100 μ g.

BACKGROUND DESCRIPTION: Integrins are a family of cell surface transmembrane receptors, each consisting of an α and a β subunit that bind to extracellular matrix (ECM) proteins and cellular counter receptors and associate with the cytoskeleton. In mammals, 24 different integrins are generated through different combinations of 18 α and 8 β subunits. A number of human congenital disorders have been associated with defective integrin-mediated adhesion, including the blistering disorder junctional epidermolysis bullosa, the bleeding disorder Glanzmann's thrombastenia, leukocyte adhesion deficiency-I (β 2 integrins in leukocytes) and leukocyte adhesion deficiency-III, nephrotic syndrome and interstitial lung disease and muscular dystrophy. Integrin alpha-V/beta-5 is a receptor for fibronectin and it recognizes the sequence R-G-D in its ligand.

ALTERNATE NAMES: Integrin β 5, ITGB5, integrin subunit beta 5, integrin beta 5.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.5 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: .Human recombinant Integrin β -5 (Cat# P1172) (Internal ID: Q90)

PURIFICATION: Affinity purified.

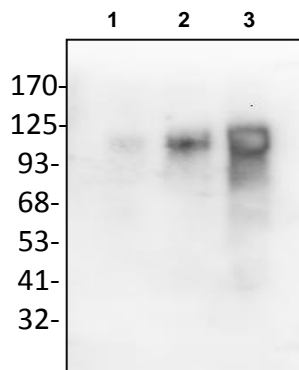
FORM: Liquid.

FORMULATION: In phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin.

SPECIES REACTIVITY: Human.

STORAGE CONDITIONS: Store at -20°C; Store at -20°C. Avoid repeated freeze/thaw cycles..

APPLICATIONS AND USAGE: Western blot: 1-4 μ g **Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.**



Western blot of human recombinant Integrin beta-5 using Integrin β -5 antibody.

Lane 1: Rec. Integrin β -5 (2 ng)
 Lane 2: Rec. Integrin β -5 (10 ng)
 Lane 3: Rec. Integrin β -5 (50 ng)

RELATED PRODUCTS:

Human CellExp™ Integrin alpha V beta 8, Human recombinant (P1122).
 Human CellExp™ Integrin alpha V beta 5 Heterodimer, Human recombinant (P1121).
 Human CellExp™ Integrin beta-5 Extracellular Domain (ED), Human Recombinant (P1172).

FOR RESEARCH USE ONLY! Not to be used on humans.