
Alpha-5 Integrin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250731

Unit: 0.1 mg

Description:

The integrin alpha-5 antibody recognizes the 115-kDa transmembrane glycoprotein integrin alpha-5 subunit which is the common alpha-5 chain of the very late antigen (VLA) forming a non-covalent heterodimeric complex with the integrin beta-1 subunit, a receptor for fibrinogen and extracellular matrix proteins such as fibronectin. Alpha-5/beta-1 integrin is an important adhesion molecule involved in cell-cell and cell-extracellular matrix interactions by recognizing the RGD canonical sequence in ligands. In addition to adhesion, integrins are known to participate in cell-surface mediated signaling.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, B, P

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 Protein-G affinity chromatography.

Alternate Names: Integrin alpha-5; Fibronectin receptor subunit alpha; Integrin alpha-F; VLA-5; CD49 antigen-like family member E; CD49e; ITGA5; FNRA

Accession No.: P08648

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human integrin alpha-5.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

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.