

Alpha-1 Integrin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251866

Unit: 0.1 mg

Description:

Integrins are transmembrane proteins that mediate interactions between adhesion molecules on adjacent cells and the extracellular matrix (ECM). Integrin alpha-1 (CD49a) is a receptor for laminin and collagen. Integrin alpha-1 recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.5 ml (0.2 mg/ml) of PBS pH7.4, 50% glycerol with 0.09% sodium azide.

Antibody was purified by immunogen affinity chromatography.

Alternate Names: Integrin alpha-1; Laminin and collagen receptor; VLA-1; CD49 antigen-like family member A; CD49a; ITGA1

Accession No.: P56199

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Integrin alpha-1.

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



Integrin alpha-1 staining in human pelvic cavity cancer. Paraffin-embedded human pelvic cavity cancer is stained with Alpha-1 Integrin Antibody (Cat. No. 251866) used at 1:200 dilution.

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.