

Integrin Alpha-V Beta-3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251672

Unit: 0.1 mg

Description:

Integrin alpha-V/beta-3, also called vitronectin receptor or CD51/CD61, belongs to the integrin protein family that participates in cell adhesion and cell-surface mediated signalling by forming heterodimers of alpha and beta integrin chains. Integrin alpha-V/beta-3 is a receptor for cytoactin, fibronectin, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin and von Willebrand factor. Integrins recognize the sequence RGD in a wide array of ligands. Defects in CD61 are a cause of Glanzmann thrombasthenia, a blot clot disorder.

Isotype: Rabbit Ig

Applications: E, IHC

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

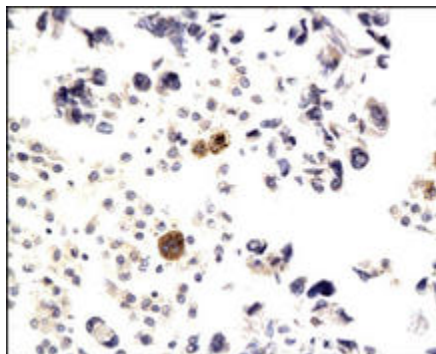
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Vitronectin receptor; Integrin alpha-V; Vitronectin receptor subunit alpha; CD51; Integrin beta-3; Platelet membrane glycoprotein IIIa; GPIIIa; CD61; ITGB3; GP3A

Accession No.: P06756, P05106

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human integrin alpha-V/beta-3.

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



Integrin alphaV-beta3 staining in human lung cancer. Paraffin-embedded human lung cancer tissue is stained with Integrin alpha-V beta-3 Antibody (Cat. No. 251672) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: [1] Du Y. et al. 2012. PLoS ONE. 7(9):e43941. PMID# 23049742. [2] Gao S. et al. 2013. Nuclear Science and Techniques 24: 040302.

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