



Anti-ITGA5 (aa 600-700) polyclonal antibody (DPABH-02527)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Integrin alpha-5/beta-1 is a receptor for fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi sarcoma lesions.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 600 - 700 of Human Integrin alpha 5.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ITGA5 integrin, alpha 6 (fibronectin receptor, alpha polypeptide) [Homo sapiens]
Official Symbol	ITGA5
Synonyms	ITGA5; integrin, alpha 5 (fibronectin receptor, alpha polypeptide); FNRA; CD49e; VLA5A; integrin alpha-5; VLA-5; integrin alpha-F; CD49 antigen-like family member E; fibronectin receptor subunit alpha; fibronectin receptor, alpha subunit; very late activation protein 5, alpha subunit;
Entrez Gene ID	3678
Protein Refseq	NP_002196.2
UniProt ID	P08648
Pathway	Angiopoietin receptor Tie2-mediated signaling; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Axon guidance; Bacterial invasion of epithelial cells
Function	epidermal growth factor receptor binding; integrin binding; metal ion binding; platelet-derived growth factor receptor binding