



Anti-ITGAV (C-terminal) polyclonal antibody (DPABH-06501)

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

PRODUCT INFORMATION

Antigen Description	The alpha-V integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi sarcoma lesions.
Specificity	DPABH-06501 detects endogenous levels of fragment of activated Integrin alpha V resulting from cleavage adjacent to Lys889.
Immunogen	Synthetic peptide conjugated to KLH corresponding to C terminal residues of Human Integrin alpha V (NP_002201.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Format	Liquid
Size	50 µl
Buffer	pH: 7.40; Constituents: 49% PBS, 0.88% Sodium chloride, 50% GlycerolNote: PBS (without Mg ²⁺ , Ca ²⁺)

Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	ITGAV integrin, alpha V [Homo sapiens]
Official Symbol	ITGAV
Synonyms	ITGAV; integrin, alpha V; CD51; MSK8; VNRA; VTNR; integrin alpha-V; integrin alphaVbeta3; vitronectin receptor subunit alpha; antigen identified by monoclonal antibody L230; integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51);
Entrez Gene ID	3685
Protein Refseq	NP_001138471.1
UniProt ID	P06756
Pathway	Adaptive Immune System; Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Cell adhesion molecules (CAMs)
Function	contributes_to insulin-like growth factor I binding; metal ion binding; contributes_to opsonin binding; protein binding