

Rabbit anti-Human, Mouse Integrin alphaV Polyclonal Antibody | anti-ITGAV antibody

Integrin alphaV Antibody

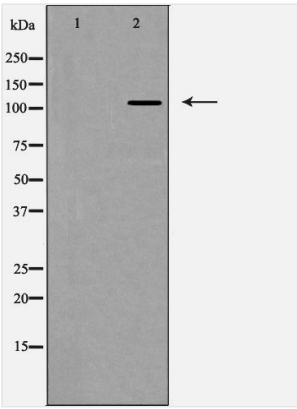
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321830	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Integrin alphaV; Polyclonal Antibody; Integrin alphaV Antibody; antigen identified by monoclonal antibody L230; CD 51; CD51; DKFZp686A08142; integrin alpha V beta 3; integrin alpha-V; Integrin alpha-V light chain; integrin alphaVbeta3; integrin; alpha V (vitronectin receptor; alpha polypeptide; antigen CD51); ITAV_HUMAN; ITGAV; MSK 8; Msk8; Vitronectin receptor subunit alpha; VNRA; VTNR; anti-ITGAV antibody

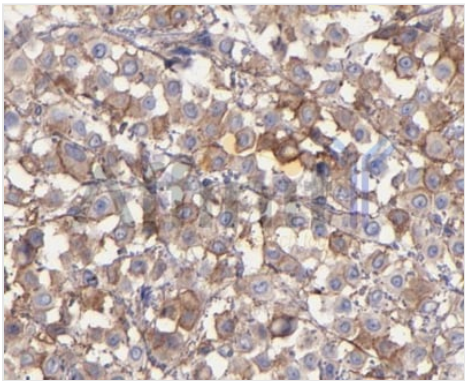
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Integrin alphaV antibody detects endogenous levels of total Integrin alphaV
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1002
Applicable Applications for anti-ITGAV antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Integrin alpha V, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



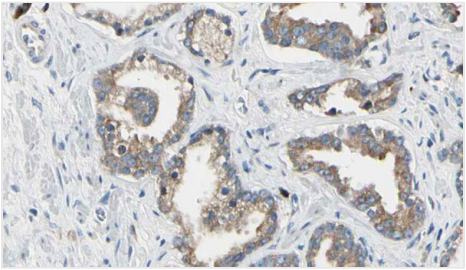
WB (Western Blot)

Western blot analysis of Integrin alphaV expression in HeLa cells, The lane on the left is treated with the antigen-specific peptide.



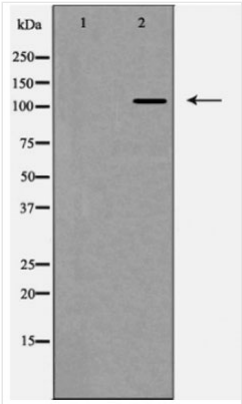
IHC (Immunohistochemisry)

AAA321830 at 1/100 staining human lung tissues sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at144 degree C.



IHC (Immunohiostchemistry)

AAA321830 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot (WB) analysis of Integrin ?V expression in HeLa cells. The lane on the left was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAV antibody	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's sarcoma lesions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223468595
NCBI GeneID	3685
NCBI Accession #	NP_001138471.1
NCBI GenBank Nucleotide #	NM_001144999.2
UniProt Accession #	P06756; Q53SK4; Q59EB7; Q6LD15; A0AV67; B0LPF4; B7Z883; B7ZLX0; D3DPG8; E7EWZ6
Molecular Weight	116 kDa
NCBI Official Full Name	integrin alpha-V isoform 2
NCBI Official Synonym Full Names	integrin subunit alpha V
NCBI Official Symbol	ITGAV

NCBI Official Synonym Symbols	CD51; MSK8; VNRA; VTNR
NCBI Protein Information	integrin alpha-V
UniProt Protein Name	Integrin alpha-V
UniProt Gene Name	ITGAV
UniProt Synonym Gene Names	MSK8ImportedManual assertion inferred from database entriesiHGNC:6150; VNRAImportedManual assertion inferred from database entriesiHGNC:6150; VTNRImportedManual assertion inferred from database entriesiHGNC:6150

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/integrin-alphav-antibody-immunohistochemistry-western-blot-elisa/321830>