

Rat anti-Human Integrin alpha V + beta 6 Monoclonal Antibody | anti-ITGAV antibody

Integrin alpha V + beta 6 Rat Monoclonal Antibody [Clone AvB6 53a.2]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA216098	Rat	Human	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

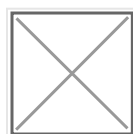
PRODUCT SYNONYMS

Integrin alpha V + beta 6; Monoclonal Antibody; Integrin alpha V + beta 6 Rat Monoclonal Antibody [Clone AvB6 53a.2]; antigen identified by monoclonal antibody L230; CD 51; CD51; Integrin alpha five; integrin alpha V beta 3; Integrin alpha-V light chain; integrin alphaVbeta3; integrin; alpha V (vitronectin receptor; alpha polypeptide; antigen CD51); ITGAV; MSK 8; Msk8; Vitronectin receptor subunit alpha; VNRA; VTNR; ITGB6; Integrin; beta 6; anti-ITGAV antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	Rat/IgG2a, kappa
Clone Number	AvB6 53a.2
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Applicable Applications for anti-ITGAV antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Mouse fibroblasts retrovirally infected with cDNA to human beta6; Cells expressed a mouse/human avb6 chimera.
Cellular Localization	Cell junction, Cell membrane, Focal adhesion
Positive Control	Squamous cell carcinoma cells. A375M melanoma cell line. A549 cell line.
Research Areas	Immunology, Lung Cancer, Signal Transduction
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified CD51/Integrin ?V Rat Monoclonal Antibody (AvB6 53a. 2).
Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAV antibody	Integrins are heterodimers composed of noncovalently associated transmembrane alpha and beta subunits. The 16 alpha and 8 beta subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468595
NCBI GeneID	3685
NCBI Accession #	NP_001138471.1
NCBI GenBank Nucleotide #	NM_001144999.2
UniProt Accession #	P06756; P18564
Molecular Weight	150-160kDa under non-reducing conditions. Under reducing conditions cleaved into 2 bands of ~125-130kDa +20-25kDa
NCBI Official Full Name	integrin alpha-V isoform 2
NCBI Official Synonym Full Names	integrin, alpha V
NCBI Official Symbol	ITGAV
NCBI Official Synonym Symbols	CD51; MSK8; VNRA; VTNR
NCBI Protein Information	integrin alpha-V; integrin alphaVbeta3; vitronectin receptor subunit alpha; antigen identified by monoclonal antibody L230; integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)
UniProt Protein Name	Integrin alpha-V
UniProt Gene Name	ITGAV
UniProt Synonym Gene Names	MSK8; VNRA
UniProt Entry Name	ITAV_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/integrin-alpha-v-beta-6-antibody-clone-avb6-53a-2-western-blot-immunofluorescence-flow-cytometry-elisa/216098>