

Mouse anti-Human Intergrin alpha 5 Monoclonal Antibody | anti-ITGA5 antibody

Intergrin alpha 5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111297	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

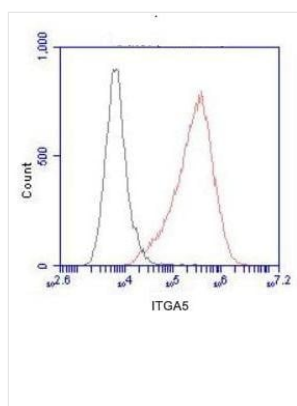
PRODUCT SYNONYMS

Intergrin alpha 5; Monoclonal Antibody; Intergrin alpha 5 Antibody; FNRA; CD49e; VLA5A; anti-ITGA5 antibody

PRODUCT SPECIFICATIONS

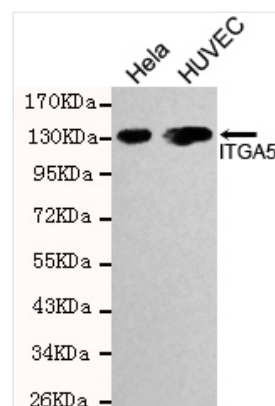
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Specificity	This antibody detects endogenous levels Intergrin alpha 5(N-terminus) and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%, glycerol
Sequence Length	1049
Applicable Applications for anti-ITGA5 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant human Intergrin alpha 5(N-terminus) protein fragments expressed in E Coli.
Cellular Localization	Membrane; Single-pass type I membrane protein

IMAGES



Application Data

Flow Cytometry analysis of HeLa cells stained with Intergrin alpha 5(N-terminus) (red, 1/100 dilution), followed by FITC-conjugated goat anti-mouse IgG. Black line histogram represents the isotype control, normal mouse IgG.



Application Data

Western blot detection of Intergrin alpha 5(N-terminus) antibody in HeLa&HUVEC cell lysates using Intergrin alpha 5(N-terminus) antibody (1:1000 diluted). Predicted band size:145KDa. Observed band size:145KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA5 antibody	UniPort Summary Function: 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’s sarcoma lesions Entrez Summary: The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes the integrin alpha 5 chain. Alpha chain 5 undergoes post-translational cleavage in the extracellular domain to yield disulfide-linked light and heavy chains that join with beta 1 to form a fibronectin receptor. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.
Product Categories/Family for anti-ITGA5 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	1017029567
NCBI GeneID	3678
NCBI Accession #	NP_002196.4
NCBI GenBank Nucleotide #	NM_002205
UniProt Accession #	P08648; Q96HA5
Molecular Weight	145kDa
NCBI Official Full Name	integrin alpha-5
NCBI Official Synonym Full Names	integrin subunit alpha 5
NCBI Official Symbol	ITGA5
NCBI Official Synonym Symbols	FNRA; CD49e; VLA-5; VLA5A
NCBI Protein Information	integrin alpha-5
UniProt Protein Name	Integrin alpha-5
UniProt Gene Name	ITGA5
UniProt Synonym Gene Names	FNRA

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://www.aaabiotech.com/monoclonal/intergrin-alpha-5-antibody-flow-cytometry-western-blot-elisa/111297>