

Rabbit anti-Human, Mouse Integrin alpha 5 Monoclonal Antibody | anti-ITGA5 antibody

Recombinant Integrin alpha 5 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178859	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

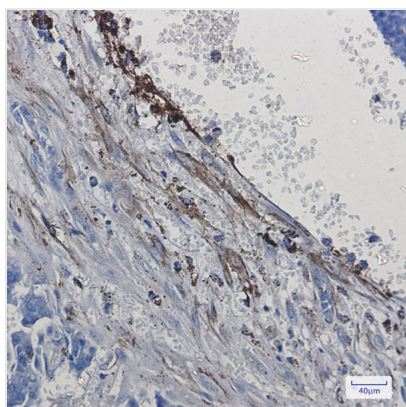
PRODUCT SYNONYMS

Integrin alpha 5; Monoclonal Antibody; Recombinant Integrin alpha 5 Monoclonal Antibody; CD49 antigen-like family member E; CD49e; Fibronectin receptor subunit alpha; Fibronectin receptor; alpha subunit; FNRA; Integrin alpha 5 (fibronectin receptor alpha); Integrin alpha-5; Integrin alpha-5 light chain; Integrin alpha-F; Integrin; alpha 5 (fibronectin receptor; alpha polypeptide); ITA5; Itga5; Very late activation protein 5; VLA-5; VLA5; VLA5A; anti-ITGA5 antibody

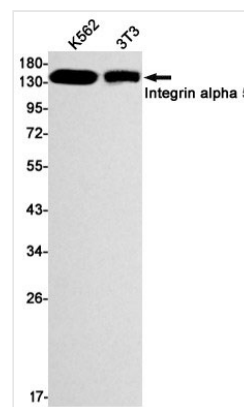
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	R02-3G4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-ITGA5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Integrin alpha 5
Research Area	Cancer, Signal Transduction, Stem Cells
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of Integrin alpha 5 in paraffin-embedded Human breast cancer tissue using Integrin alpha 5 Rabbit mAb at dilution 1:50


WB (Western Blot)

Western blot detection of Integrin alpha 5 in K562,3T3 cell lysates using Integrin alpha 5 Rabbit mAb(1:1000 diluted).Predicted band size:115kDa.Observed band size:150kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA5 antibody	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. Integrin alpha 5 and integrin alpha V chains are produced by distinct genes.
Product Categories/Family for anti-ITGA5 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	56237029
NCBI GeneID	3678
NCBI Accession #	NP_002196.2
NCBI GenBank Nucleotide #	NM_002205.2
UniProt Accession #	P08648; Q96HA5
Molecular Weight	114,536 Da
NCBI Official Full Name	integrin alpha-5
NCBI Official Synonym Full Names	integrin, alpha 5 (fibronectin receptor, alpha polypeptide)
NCBI Official Symbol	ITGA5
NCBI Official Synonym Symbols	FNRA; CD49e; VLA5A
NCBI Protein Information	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
UniProt Protein Name	Integrin alpha-5
UniProt Gene Name	ITGA5
UniProt Synonym Gene Names	FNRA
UniProt Entry Name	ITA5_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/integrin-alpha-5-antibody-clone-r02-3g4-immunohistochemistry-western-blot-elisa/178859>