Rabbit anti-Human, mouse ITGA5 Polyclonal Antibody | anti-ITGA5 antibody

ITGA5 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288528	**Rabbit**	**Human, mouse**	**Flow Cytometry, Functional Assay, ELISA, Western Blot**

PRODUCT SYNONYMS

ITGA5; Polyclonal Antibody; ITGA5 Antibody (C-term); Integrin alpha-5; CD49 antigen-like family member E; Fibronectin receptor subunit alpha; Integrin alpha-F; VLA-5; CD49e; Integrin alpha-5 heavy chain; Integrin alpha-5 light chain; FNRA; anti-ITGA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ITGA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 796-822 amino acids from the C-terminal region of human ITGA5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	796-822
Sequence Length	1049
Applicable Applications for anti-ITGA5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

FCM/FACS (Flow Cytometry)
ITGA5 Antibody (C-term) flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

WB (Western Blot)
ITGA5 Antibody (C-term) western blot analysis in mouse bladder tissue lysates (15ug/lane).This demonstrates the ITGA5 antibody detected ITGA5 protein (arrow).

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. [provided by RefSeq].
Product Categories/Family for anti-ITGA5 antibody	Cancer; Signal Transduction
References	Kim, S., et al. Carcinogenesis 31(4):597-606(2010) Ryu, M.H., et al. Biochem. Biophys. Res. Commun. 393(1):11-15(2010) Yang, Y., et al. J. Biol. Chem. 285(1):131-141(2010) Lowin, T., et al. Arthritis Rheum. 60(12):3623-3632(2009)

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	114536
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; VLA-5; VLA5A
NCBI Protein Information	integrin alpha-5
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/polyclonal/itga5-antibody-flow-cytometry-western-blot-elisa/288528