

Rabbit anti-Human, mouse CD49e Polyclonal Antibody | anti-ITGA5 antibody

CD49e Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283877	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

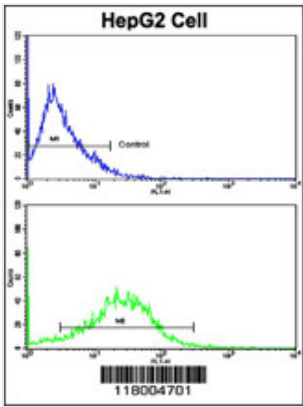
PRODUCT SYNONYMS

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

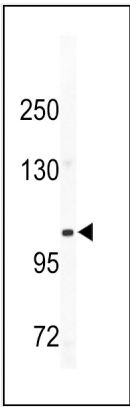
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD49e antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 796-824 amino acids from the C-terminal region of human CD49e.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	796-824
Sequence Length	1,049
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)
Flow cytometric analysis of HepG2 cells using CD49e Antibody (C-term)(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)
Western blot analysis of CD49e antibody (C-term) in mouse bladder tissue lysates (35ug/lane). CD49e (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA5 antibody	CD49e belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein is 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	Cancer; Signal Transduction
References	Boehmler,A.M., J. Immunol. 182 (11), 6789-6798 (2009) Okazaki,T., Am. J. Pathol. 174 (6), 2378-2387 (2009) Schornberg,K.L., Proc. Natl. Acad. Sci. U.S.A. 106 (19), 8003-8008 (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

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/polyclonal/cd49e-antibody-flow-cytometry-western-blot-elisa/283877>