

Mouse anti-Human ITGA5 Antibody | anti-ITGA5 antibody

ITGA5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108617	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

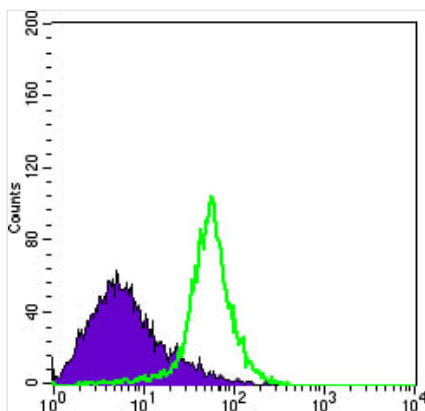
PRODUCT SYNONYMS

ITGA5; ITGA5 Antibody; FNRA; CD49e; VLA5A; anti-ITGA5 antibody

PRODUCT SPECIFICATIONS

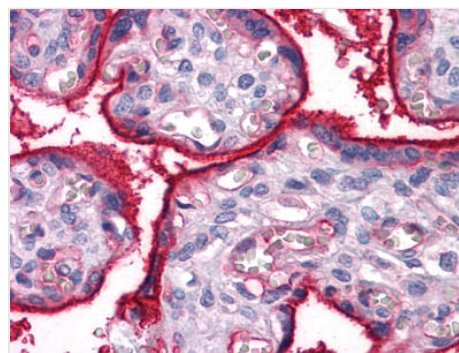
Host	Mouse
Reactivity	Human
Isotype	IgG2a
Clone Number	10F6
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	1049
Applicable Applications for anti-ITGA5 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human ITGA5 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



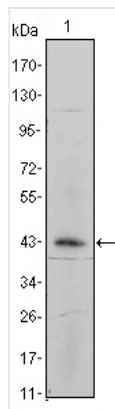
FCM/FACS (Flow Cytometry)

Figure 3. Flow cytometric analysis of HeLa cells using ITGA5 mouse mAb (green) and negative control (purple).



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human Placenta tissues using ITGA5 mouse mAb



WB (Western Blot)
 Figure 1. Western blot analysis using ITGA5 mouse mAb against ITGA5-hlgGfC transfected HEK293 cell lysate.

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 is a heterodimer that associates noncovalently with CD29/integrin beta 1 subunit to form the alpha-5-beta-1 very late antigen (VLA-5) complex. VLA-5 is a fibronectin receptor that is expressed on thymocytes, T-cells, monocytes and platelets. It is also found on very early B-cells and activated B-cells. VLA-5-mediated binding to fibronectin sends a costimulatory signal to T-cells and enhances Fc-gamma-R-and complement receptor-mediated phago-cytosis. It is also involved in monocyte migration into extracellular tissues.
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 #	56237029
NCBI GeneID	3678
NCBI Accession #	NP_002196.2
NCBI GenBank Nucleotide #	NM_002205.2
UniProt Accession #	P08648; Q96HA5
Molecular Weight	114kDa
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.

