

Mouse Integrin alpha5 Monoclonal Antibody | anti-ITGA5 antibody

Integrin alpha5 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320268	Mouse	Human, Mouse, Rat, Bovine	Flow Cytometry, Functional Assay, Western Blot

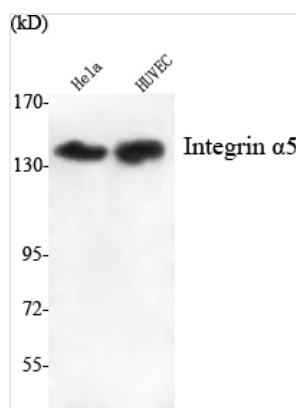
PRODUCT SYNONYMS

Integrin alpha5; Monoclonal Antibody; Integrin alpha5 Monoclonal Antibody; Integrin alpha-5; ITGA5; FNRA; CD49 antigen-like family member E; Fibronectin receptor subunit alpha; Integrin alpha-F; VLA-5; CD antigen CD49e; anti-ITGA5 antibody

PRODUCT SPECIFICATIONS

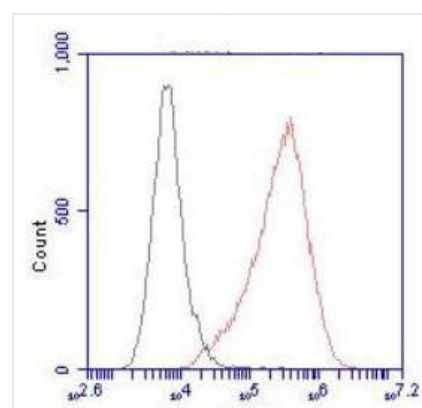
Host	Mouse
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Monoclonal
Specificity	Integrin alpha5 Monoclonal Antibody detects endogenous levels of Integrin alpha5 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ITGA5 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant human Integrin α 5 (N-terminus) protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells stained with Integrin α 5 Monoclonal Antibody (red), followed by FITC-conjugated goat anti-mouse IgG. Black line histogram represents the isotype control, normal mouse IgG.



WB (Western Blot)

Western Blot analysis using Integrin α 5 Monoclonal Antibody against HeLa, HUVEC cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA5 antibody	integrin subunit alpha 5(ITGA5) Homo sapiens The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 5 subunit. This subunit associates with the beta 1 subunit to form a fibronectin receptor. This integrin may promote tumor invasion, and higher expression of this gene may be correlated with shorter survival time in lung cancer patients. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes. [provided by RefSeq, Oct 2015]
Product Categories/Family for anti-ITGA5 antibody	Primary Antibodies

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-alpha5-antibody-flow-cytometry-western-blot-elisa/320268>