

Rabbit Integrin beta-5 Polyclonal Antibody | anti-ITGB5 antibody

Integrin beta-5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320830	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

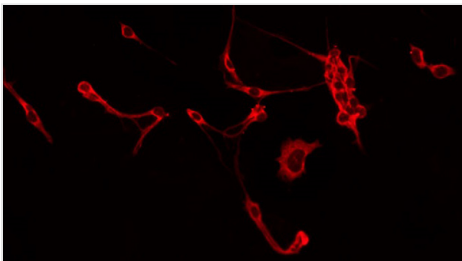
PRODUCT SYNONYMS

Integrin beta-5; Polyclonal Antibody; Integrin beta-5 Antibody; FLJ26658; Integrin subunit beta 5; integrin; beta 5; ITB5_HUMAN; Itgb5; Testis secretory sperm-binding protein Li 217p; anti-ITGB5 antibody

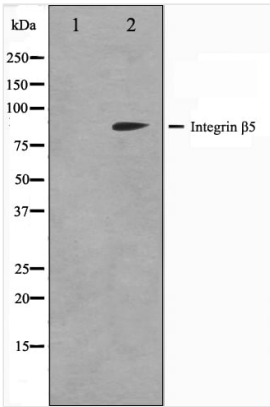
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Integrin beta-5 antibody detects endogenous levels of total Integrin beta-5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	799
Applicable Applications for anti-ITGB5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Integrin beta-5
Subcellular Location	Membrane.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA320830 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis on COS7 cell lysate using Integrin beta-5 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB5 antibody	Description: ITGB5 Integrin alpha-V/beta-5 is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand. Belongs to the integrin beta chain family. Heterodimer of an alpha and a beta subunit. Beta-5 associates with alpha-V. Function: Integrin alpha-V/beta-5 (ITGAV:ITGB5) is a receptor for fibronectin. It recognizes the sequence R-G-D in its ligand. Subunit Structure: Heterodimer of an alpha and a beta subunit. Beta-5 (ITGB5) associates with alpha-V (ITGAV). Interacts with MYO10 (PubMed:15156152). Interacts with DAB2. Integrin ITGAV:ITGB5 interacts with FBLN5 (via N-terminus) (By similarity). ITGAV:ITGB5 interacts with NOV (PubMed:15611078). Similarity: Belongs to the integrin beta chain family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20127446
NCBI GeneID	3693
NCBI Accession #	NP_002204.2
NCBI GenBank Nucleotide #	NM_002213.4
UniProt Accession #	P18084; B0LPF8; B2RD70
Molecular Weight	Observed: 88 kDa Predicted: 89 kDa
NCBI Official Full Name	integrin beta-5 isoform a
NCBI Official Synonym Full Names	integrin subunit beta 5
NCBI Official Symbol	ITGB5
NCBI Protein Information	integrin beta-5
UniProt Protein Name	Integrin beta-5
UniProt Gene Name	ITGB5

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.