

Rabbit ITGA6/Integrin Alpha 6/CD49f Polyclonal Antibody | anti-ITGA6 antibody

Rabbit Polyclonal to Human ITGA6/Integrin Alpha 6/CD49f

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52054	Rabbit	Gibbon, Chimpanzee, Gorilla, Horse, Human, Orangutan Predicted Reactivity: Monkey, Bat, Bovine, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

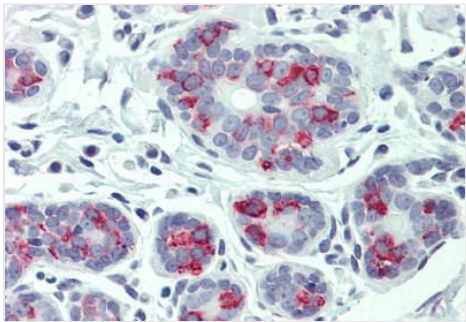
PRODUCT SYNONYMS

ITGA6/Integrin Alpha 6/CD49f; Polyclonal Antibody; Rabbit Polyclonal to Human ITGA6/Integrin Alpha 6/CD49f; Anti-ITGA6/Integrin Alpha 6/CD49f Antibody (Internal) IHC-plus; ITGA6; CD49f; CD49f antigen; Integrin alpha6B; Integrin; alpha 6; Integrin alpha-6 precursor; VLA-6; Integrin alpha-6; ITGA6B; Human ITGA6/Integrin Alpha 6/CD49f; anti-ITGA6 antibody

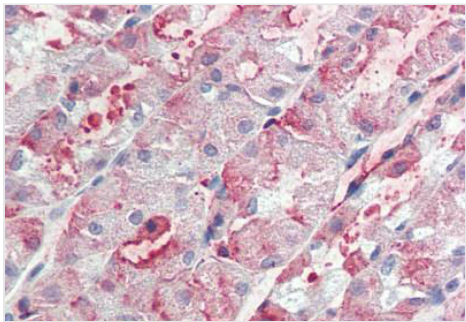
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Chimpanzee, Gorilla, Horse, Human, Orangutan Predicted Reactivity: Monkey, Bat, Bovine, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ITGA6 / CD49f. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1073
Applicable Applications for anti-ITGA6 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human ITGA6 / CD49f. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Horse (100%); Marmoset, Bovine, Bat, Pig (93%); Galago, Mouse.
Immunogen Type	Synthetic peptide
Immunogen	ITGA6/Integrin Alpha 6/CD49f antibody was raised against synthetic 15 amino acid peptide from internal region of human ITGA6 / CD49f. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Horse (100%); Marmoset, Bovine, Bat, Pig (93%); Galago, Mouse, Opossum (87%); Rat, Hamster, Panda, Rabbit, Guinea pig (80%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-ITGA6 / CD49f antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ITGA6 / CD49f antibody IHC of human stomach. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA6 antibody	The ITGA6 protein product is the integrin alpha chain alpha 6. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, alpha 6 may combine with beta 4 in the integrin referred to as TSP180, or with beta 1 in the integrin VLA-6. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.
Product Categories/Family for anti-ITGA6 antibody	Family: Integrin

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395742
NCBI GeneID	3655
NCBI Accession #	NP_000201.2
NCBI GenBank Nucleotide #	NM_000210.2
UniProt Accession #	P23229; Q08443; Q0MRC7; Q14646; Q16508; Q53RX7; Q59HB7; B2RMU9; B4DG69; B4DKB8; C4AM96; G5E9H1
Molecular Weight	122,358 Da
NCBI Official Full Name	integrin alpha-6 isoform b
NCBI Official Synonym Full Names	integrin, alpha 6
NCBI Official Symbol	ITGA6
NCBI Official Synonym Symbols	CD49f; VLA-6; ITGA6B
NCBI Protein Information	integrin alpha-6; integrin alpha6B; CD49 antigen-like family member F
UniProt Protein Name	Integrin alpha-6
UniProt Gene Name	ITGA6
UniProt Synonym Gene Names	Alpha6p
UniProt Entry Name	ITA6_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.