

Rabbit ITGA4 / VLA-4 / CD49d Polyclonal Antibody | anti-ITGA4 antibody

Rabbit Polyclonal to Human ITGA4 / VLA-4 / CD49d

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50679	Rabbit	Gibbon, Gorilla, Human, Monkey, Mouse, Rat	Immunohistochemistry

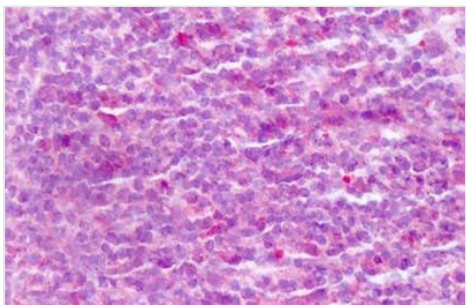
PRODUCT SYNONYMS

ITGA4 / VLA-4 / CD49d; Polyclonal Antibody; Rabbit Polyclonal to Human ITGA4 / VLA-4 / CD49d; Anti-ITGA4 / VLA-4 / CD49d Antibody (Internal) IHC-plus; ITGA4; 269C wild type; CD49D; IA4; Integrin alpha-4; Integrin alpha 4; Integrin alpha-4 subunit; Integrin alpha-IV; VLA-4; VLA-4 subunit alpha; CD49d antigen; Human ITGA4; CD49d; anti-ITGA4 antibody

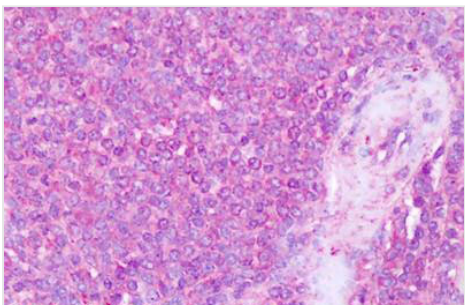
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Specificity	Human ITGA4 / VLA-4. 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	1032
Applicable Applications for anti-ITGA4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 14 amino acid peptide from internal region of human ITGA4 / VLA-4. Percent identity with other species by BLAST analysis: Human (100%), Gorilla (100%), Gibbon (100%), Monkey (100%), Marmoset (100%), Mouse (100%), Rat (100%), Elephant (93%).
Immunogen Type	Synthetic peptide
Immunogen	ITGA4 / VLA-4 / CD49d antibody was raised against synthetic 14 amino acid peptide from internal region of human ITGA4 / VLA-4. Percent identity with other species by BLAST analysis: Human (100%), Gorilla (100%), Gibbon (100%), Monkey (100%), Marmoset (100%), Mouse (100%), Rat (100%), Elephant (93%), Panda (93%), Dog (86%), Bat (86%), Bovine (86%), Rabbit (86%), Horse (86%), Pig (86%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-VLA-4 / CD49D antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10-20 ug/ml.



IHC (Immunohistochemistry)
Anti-VLA-4 / CD49D antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10-20 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA4 antibody	ITGA4 encodes integrin alpha chain 4. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Unlike other integrin alpha chains, alpha 4 neither contains an I-domain, nor undergoes disulfide-linked cleavage. Although alpha 4 is variably cleaved to yield two unlinked chains, this cleavage is unnecessary for integrin assembly and function.
Product Categories/Family for anti-ITGA4 antibody	Family: Integrin

NCBI AND UNIPROT INFORMATION

NCBI GI #	67191027
NCBI GeneID	3676
NCBI Accession #	NP_000876.3
NCBI GenBank Nucleotide #	NM_000885.4
UniProt Accession #	P13612 ; Q7Z4L6 ; D3DPG4 ; AAB25486
Molecular Weight	21,536 Da
NCBI Official Full Name	integrin alpha-4
NCBI Official Synonym Full Names	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
NCBI Official Symbol	ITGA4
NCBI Official Synonym Symbols	IA4; CD49D
NCBI Protein Information	integrin alpha-4; 269C wild type; integrin alpha 4; integrin alpha-IV; VLA-4 subunit alpha; integrin alpha-4 subunit; CD49 antigen-like family member D; antigen CD49D, alpha-4 subunit of VLA-4 receptor; very late activation protein 4 receptor, alpha 4 subunit
UniProt Protein Name	Integrin alpha-4
UniProt Gene Name	ITGA4
UniProt Synonym Gene Names	CD49D
UniProt Entry Name	ITA4_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.