

Mouse anti-Human VCAM1 / CD106 Monoclonal Antibody | anti-VCAM1 antibody

Mouse Monoclonal [clone 6G9] (IgG1) to Human VCAM1 / CD106

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51892	Mouse	Human	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

VCAM1 / CD106; Monoclonal Antibody; Mouse Monoclonal [clone 6G9] (IgG1) to Human VCAM1 / CD106; Anti-VCAM1 / CD106 Antibody (clone 6G9) IHC-plus; VCAM1; CD106; CD106 antigen; INCAM-100; V-CAM 1; VCAM-1; Human VCAM1; anti-VCAM1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6G9
Specificity	Human VCAM1
Purity/Purification	Ascites
Form/Format	Ascitic fluid, 0.03% sodium azide
Sequence Length	739
Applicable Applications for anti-VCAM1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Purified recombinant fragment of human VCAM1 expressed in E Coli.
Immunogen	VCAM1 / CD106 antibody was raised against purified recombinant fragment of human VCAM1 expressed in E Coli.
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



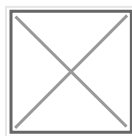
IHC (Immunohistochemistry)

Anti-VCAM1 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)

Anti-VCAM1 antibody IHC of human colon, adipocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.



IHC (Immunohistochemistry)

Anti-VCAM1 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-VCAM1 antibody	Vascular cell adhesion molecule 1, VCAM-1, is a surface glycoprotein expressed by cytokine-activated endothelium that mediates the adhesion of monocytes and lymphocytes. VCAM-1 and integrin alpha-4-beta-1 facilitate a critical cell-cell adhesion event required for survival of endothelial and mural cells during vascularization. Studies of heart development have shown that deficiencies of VCAM and in alpha-4 integrin also result in epicardial dissolution and subsequent myocardial thinning.
Product Categories/Family for anti-VCAM1 antibody	Family: ICAM

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507875
NCBI GeneID	7412
NCBI Accession #	NP_001069.1
NCBI GenBank Nucleotide #	NM_001078.3
UniProt Accession #	P19320; Q6NUP8; A8K6R7; B4DKS4; E9PDD1
Molecular Weight	74,346 Da
NCBI Official Full Name	vascular cell adhesion protein 1 isoform a
NCBI Official Synonym Full Names	vascular cell adhesion molecule 1
NCBI Official Symbol	VCAM1
NCBI Official Synonym Symbols	CD106; INCAM-100
NCBI Protein Information	vascular cell adhesion protein 1; CD106 antigen
UniProt Protein Name	Vascular cell adhesion protein 1
UniProt Gene Name	VCAM1
UniProt Synonym Gene Names	L1CAM; V-CAM 1; VCAM-1
UniProt Entry Name	VCAM1_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/vcam1-cd106-antibody-clone-6g9-western-blot-immunohistochemistry-elisa/51892>