

Rabbit anti-Human VCAM1 Monoclonal Antibody | anti-VCAM1 antibody

VCAM1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282690	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

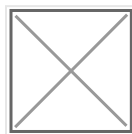
PRODUCT SYNONYMS

VCAM1; Monoclonal Antibody; VCAM1 Rabbit mAb; CD106; INCAM-100; anti-VCAM1 antibody

PRODUCT SPECIFICATIONS

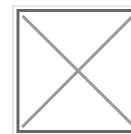
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	ETGDTVLSKI DGAYTIRKAQ LKDAGVYECE SKNKVGSQRLR SLTLDVQGRE NNKDYFSPEL LVLYFASSLI IPAIGMIYF ARKANMKGSY SLVEAQKSKV
Applicable Applications for anti-VCAM1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 640-739 of human VCAM1 (P19320).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of human kidney using VCAM1 Rabbit mAb (AAA282690), at dilution of 1:100 (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.



WB (Western Blot)

Western blot analysis of lysates from Rat lung, using VCAM1 Rabbit mAb (AAA282690) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-VCAM1 antibody	This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.
Product Categories/Family for anti-VCAM1 antibody	Cancer; Invasion and Metastasis; Signal Transduction; Cell Biology Developmental Biology; Cell Adhesion; Cytoskeleton; Immunology Inflammation; CDs; Neuroscience; Stem Cells; Mesenchymal Stem Cells; Cardiovascular; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	137560
NCBI GeneID	7412
UniProt Accession #	P19320; Q6NUP8; A8K6R7; B4DKS4; E9PDD1
Molecular Weight	Calculated MW: 81kDa Observed MW: 110kDa
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-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282690>