

Anti-VCAM1 / CD106 Antibody (aa349-362)
Goat Anti Human Polyclonal Antibody
Catalog # ALS17920**Specification****Anti-VCAM1 / CD106 Antibody (aa349-362) - Product Information**

Application	WB, IHC-P, E
Primary Accession	P19320
Predicted	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	81276

Anti-VCAM1 / CD106 Antibody (aa349-362) - Additional Information**Gene ID 7412**

Alias Symbol	VCAM1
Other Names	
VCAM1, CD106, CD106 antigen, INCAM-100, V-CAM 1, VCAM-1	

Target/Specificity

Human VCAM1 / VCAM-1 / CD106. This antibody is expected to recognize isoform a (NP_001069.1) and isoform c (NP_001186763.1).

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-VCAM1 / CD106 Antibody (aa349-362) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-VCAM1 / CD106 Antibody (aa349-362) - Protein Information**Name VCAM1****Function**

Cell adhesion glycoprotein predominantly expressed on the surface of endothelial cells that plays an important role in immune surveillance and inflammation (PubMed:<<http://www.uniprot.org/citations/31310649>>31310649). Acts as a major regulator of leukocyte adhesion to the endothelium through interaction with different types of integrins (PubMed:<<http://www.uniprot.org/citations/10209034>>10209034). During inflammatory responses, binds ligands on the surface of activated endothelial cells to initiate the activation of calcium channels and the plasma membrane-associated small GTPase RAC1 leading to leukocyte transendothelial migration (PubMed:<<http://www.uniprot.org/citations/22970700>>22970700). Serves also as a quality- control checkpoint for entry into bone marrow by providing a 'don't-eat-me' stamping in the context of major histocompatibility complex (MHC) class-I presentation

(PubMed:35210567).

Cellular Location

[Vascular cell adhesion protein 1]: Cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue

Anti-VCAM1 / CD106 Antibody (aa349-362) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-VCAM1 / CD106 Antibody (aa349-362) - Images