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Anti-VCAM1 / CD106 Antibody (aa349-362)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17920

Product Information

Application	WB, IHC-P, E
Primary Accession	P19320
Predicted	Human, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	81276
Concentration (mg/ml)	0.5 mg/ml

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.

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:31310649). Acts as a major regulator of leukocyte adhesion to the endothelium through interaction with different types of integrins (PubMed: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:22970700). Also serves 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.