

VCAM1 Rabbit pAb

Catalog # AP53534

Product Information

Primary Accession	P29533
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	81317

Additional Information

Other Names	Vascular cell adhesion protein 1, V-CAM 1, VCAM-1, CD106, Vcam1, Vcam-1
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

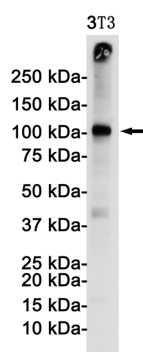
Protein Information

Name	Vcam1
Synonyms	Vcam-1
Function	Cell adhesion glycoprotein predominantly expressed on the surface of endothelial cells that plays an important role in immune surveillance and inflammation. Acts as a major regulator of leukocyte adhesion to the endothelium through interaction with different types of integrins. 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. 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.
Cellular Location	[Vascular cell adhesion protein 1]: Cell membrane {ECO:0000250 UniProtKB:P19320}; Single-pass type I membrane protein {ECO:0000250 UniProtKB:P19320}
Tissue Location	Expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue. Expressed in the bone marrow

Background

Swiss-Prot Acc.P29533.

Images



Western blot detection of VCAM1 in 3T3 cell lysates using VCAM1 Rabbit pAb(1:1000 diluted). Predicted band size: 81KDa. Observed band size: 100KDa.

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