

VCAM1 antibody

Catalog No: #38123

Package Size: #38123-1 50ul #38123-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

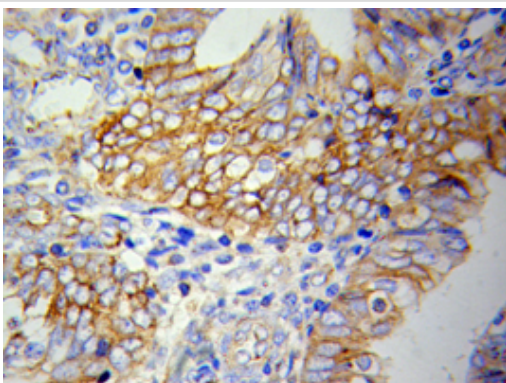
Product Name	VCAM1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total VCAM1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant Protein of human VCAM1.
Target Name	VCAM1
Other Names	VCAM1; L1CAM; VCAM 1; V CAM 1; DKFZp779G2333; CD106
Accession No.	Swiss-Prot#: P19320NCBI Gene ID: 7412
SDS-PAGE MW	81kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

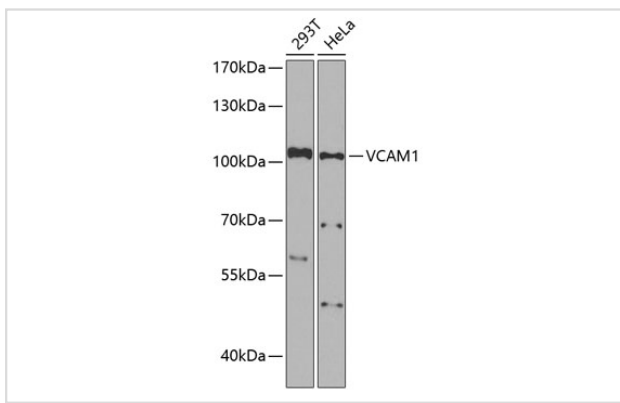
Western blotting: □1:500 - 1:2000

Immunohistochemistry: □1:50 - 1:200

Images



Immunohistochemistry analysis of paraffin-embedded H-spleen using VCAM1 Antibody.



Western blot analysis of extracts of various cell lines, using VCAM1 at 1:1000 dilution.

Background

Vascular cell adhesion protein 1 (VCAM1) is important in cell-cell recognition. It has been reported to function in leukocyte-endothelial cell adhesion, interact with the beta-1 integrin VLA4 on leukocytes, and mediate both adhesion and signal transduction. There are two isoforms; Isoform 1, a single-pass type I membrane protein, and isoform 2, a lipid-anchor (GPI-anchor). VCAM1 is expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue. It is also expressed in the bone marrow (1).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.