
Product Name: VCAM1 Mouse Monoclonal Antibody**Catalog #: AMM80845**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	81kDa

Antigen Information

Gene Name	VCAM1
Alternative Names	CD106; MGC99561; INCAM-100; DKFZp779G2333; VCAM1
Gene ID	7412.0
SwissProt ID	P19320
Immunogen	Purified recombinant fragment of human VCAM1 expressed in E. Coli.

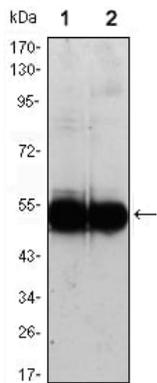
Background

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. Two alternatively spliced transcripts encoding

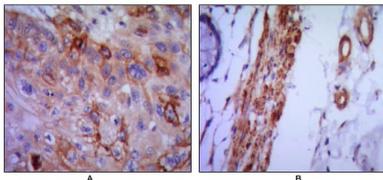
different isoforms have been described for this gene. Tissue specificity: Expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue. INVITROGEN: CD106 is expressed on bone marrow stromal cells, myeloid cells, and endothelial cells.

Research Area

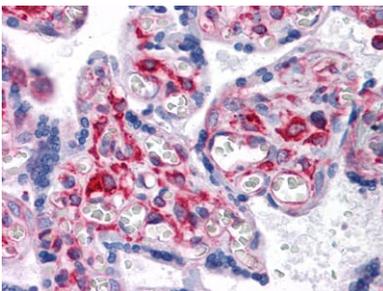
Image Data



Western blot analysis using VCAM1 mouse mAb against HUVEC (1) and EC (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer (A) and colon cancer (B) using VCAM1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human Placenta tissues using VCAM1 mouse mAb