

VCAM1 Rabbit mAb

Catalog No: #48604

Package Size: #48604-1 50ul #48604-2 100ul



Signalway Antibody

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

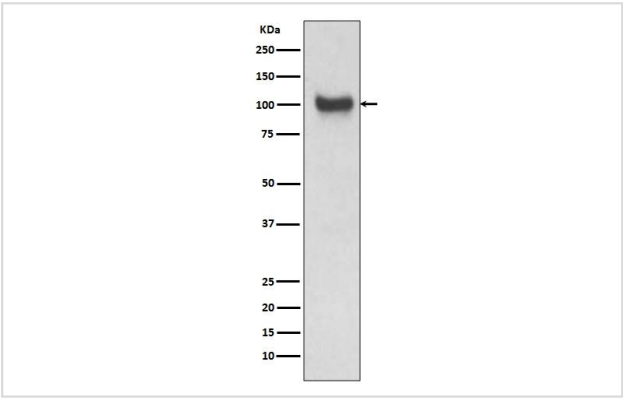
Description

Product Name	VCAM1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SA05-04
Purification	Affinity-chromatography
Applications	WB, ICC/IF, IHC, IP
Species Reactivity	Human;Mouse;Rat
Immunogen Description	A synthesized peptide derived from human VCAM1
Conjugates	Unconjugated
Other Names	CD106 antibody CD106 Antigen antibody INCAM 100 antibody INCAM-100 antibody L1CAM antibody MGC99561 antibody V-CAM 1 antibody Vascular Cell Adhesion Molecule 1 antibody Vascular cell adhesion protein 1 antibody VCAM 1 antibody VCAM-1 antibody VCAM1 antibody VCAM1_HUMAN antibody
Accession No.	Swiss-Prot#:P19320
Calculated MW	100 kDa
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

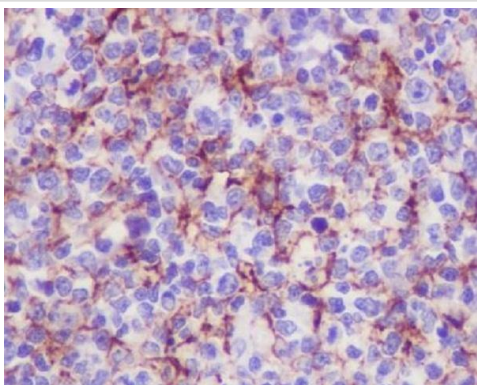
Application Details

WB 1:1000-1:2000; IHC 1:100-1:200; ICC/IF 1:50-1:200; IP 1:20-1:50

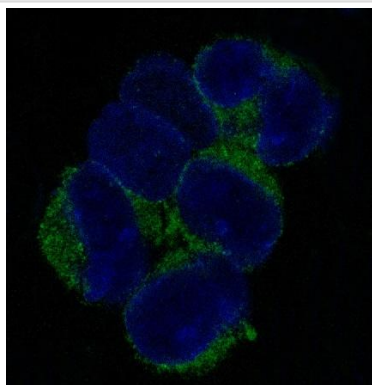
Images



Western blot analysis of VCAM1 expression in Mouse kidney lysate.



Immunohistochemical analysis of paraffin-embedded human tonsil, using VCAM1 Antibody.



Immunofluorescent analysis of K562 cells, using VCAM1 Antibody .

Background

Cell adhesion molecules are a family of closely related cell surface glycoproteins involved in cell-cell interactions during growth and are thought to play an important role in embryogenesis and development. Neuronal cell adhesion molecule (NCAM) expression is observed in a variety of human tumors including neuroblastomas, rhabdomyosarcomas, Wilms' tumors, Ewing's sarcomas and some primitive myeloid malignancies. The intracellular adhesion molecule-1 (ICAM-1), also referred to as CD54, is an integral membrane protein of the immunoglobulin superfamily and recognizes the B21 and B2M integrins. PECAM-1 (platelet/endothelial cell adhesion molecule-1), also referred to as CD31, is a glycoprotein expressed on the cell surfaces of monocytes, neutrophils, platelets and a subpopulation of T cells. VCAM-1 (vascular cell adhesion molecule-1) was first identified as an adhesion molecule induced on human endothelial cells by inflammatory cytokines such as IL-1, tumor necrosis factor (TNF) and lipopolysaccharide (LPS). The KALIG gene encodes a nerve cell adhesion molecule (NCAM) -like protein and is deleted in 66% of patients with Kallmann's syndrome, anosmia with secondary hypogonadism.

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