Product Datasheet

ICAM1 Antibody

Catalog No: #48505

Package Size: #48505-1 50ul #48505-2 100ul

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

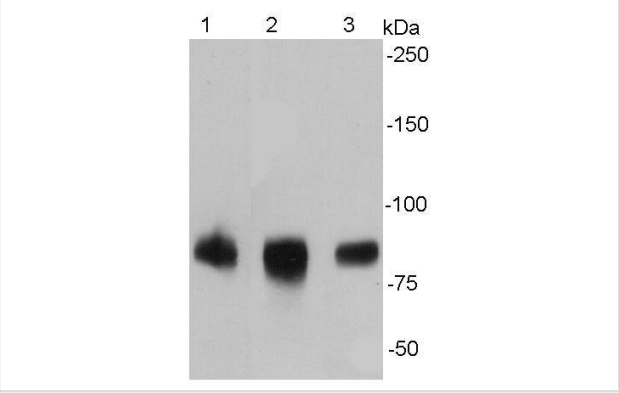
Description

Product Name	ICAM1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu
Immunogen Description	peptide
Other Names	Antigen identified by monoclonal antibody BB2 antibody BB 2 antibody BB2 antibody CD 54 antibody CD_antigen=CD54 antibody CD54 antibody Cell surface glycoprotein P3.58 antibody Human rhinovirus receptor antibody ICAM 1 antibody ICAM-1 antibody ICAM1 antibody ICAM1_HUMAN antibody intercellular adhesion molecule 1 (CD54), human rhinovirus receptor antibody Intercellular adhesion molecule 1 antibody Major group rhinovirus receptor antibody MALA 2 antibody MALA2 antibody MyD 10 antibody MyD10 antibody P3.58 antibody Surface antigen of activated B cells, BB2 antibody
Accession No.	Swiss-Prot#:P05362
Uniprot	P05362
GeneID	3383;
Calculated MW	90 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

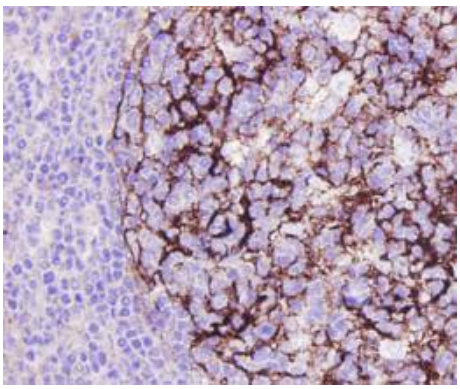
Application Details

WB: 1:500-1:1,000 IHC: 1:200 ICC: 1:200 FC: 1:50-1:100

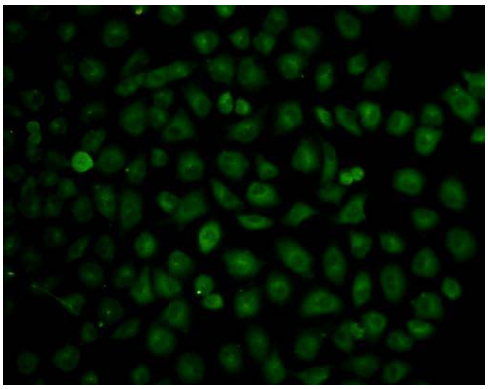
Images



Western blot analysis of ICAM1 on different cell lysates using anti- ICAM1 antibody at 1/500 dilution. Positive control:
Lane 1: Raji
Lane2: HUVEC
Lane3: K562



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-ICAM1 antibody. Counter stained with hematoxylin.



ICC staining of ICAM1 in HUVEC cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

ICAM-1 is a member of the immunoglobulin superfamily, the superfamily of proteins including antibodies and T-cell receptors. The structure of ICAM-1 is characterized by heavy glycosylation, and the proteins extracellular domain is composed of multiple loops created by disulfide bridges within the protein. ICAM-1 can be induced by interleukin-1 (IL-1) and tumor necrosis factor (TNF) and is expressed by the vascular endothelium, macrophages, and lymphocytes. ICAM-1 is a ligand for LFA-1 (integrin), a receptor found on leukocytes. More recently, ICAM-1 has been characterized as a site for the cellular entry of human rhinovirus. ICAM-1 and soluble ICAM-1 have antagonistic effects on the tight junctions forming the blood-testis barrier, thus playing a major role in spermatogenesis. ICAM-1 has been implicated in subarachnoid hemorrhage (SAH).

References

Note: This product is for in vitro research use only