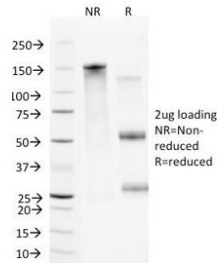
VCAM1 Antibody [clone B-K9] (V2924)

Catalog No.	Formulation	Size
V2924-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2924-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2924SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (7)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	B-K9
Purity	Protein G affinity chromatography
UniProt	P19320
Localization	Cytoplasmic, membrane
Applications	Flow cytometry: 0.5-1ug/10^6 cells Immunofluorescence: 1-2ug/ml
Limitations	This VCAM1 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free VCAM1 Antibody (clone B-K9). Confirmation of Integrity and Purity of the Antibody.

Description

Recognizes a protein of 110kDa, identified as CD106 (also known as vascular cell adhesion molecule-1 (VCAM-1), L1CAM and INCAM-100). It is a member of the Ig superfamily of adhesion molecules and is expressed at high levels on cytokine stimulated vascular endothelial cells, and at minimal levels on un-stimulated endothelial cells. It is also present on follicular and inter-follicular dendritic cells of lymph nodes, myoblasts, and some macrophages. L1CAM serves as a ligand for leukocyte integrin (VLA-4 or CD49d/CD29) and mediates cell adhesion of leukocytes to activated endothelium. It plays a role in various immunological and inflammatory responses. This mAb inhibits the binding of leukocytes to L1CAM on stimulated endothelial cells.

Application Notes

Optimal dilution of the VCAM1 antibody should be determined by the researcher.

Immunogen

Activated human umbilical vein endothelial cells (HUVEC) were used as the immunogen for the VCAM1 antibody.

Storage

Store the VCAM1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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