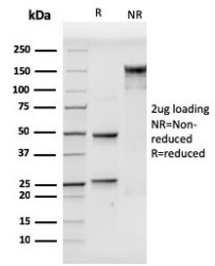
CD106 Antibody / VCAM1 [clone VCAM1/3499] (V8468)

Catalog No.	Formulation	Size
V8468-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8468-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8468SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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	VCAM1/3499
Purity	Protein G affinity chromatography
UniProt	P19320
Localization	Cell surface
Applications	ELISA : order Ab without BSA for coating
Limitations	This CD106 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free CD106 antibody (clone VCAM1/3499) as confirmation of integrity and purity.

Description

Recognizes a protein of 110kDa, identified as CD106 (also known as vascular cell adhesion molecule-1 (VCAM-1) and INCAM-100). CD106 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. CD106 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 VCAM-1 on stimulated endothelial cells.

Application Notes

Optimal dilution of the CD106 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human protein was used as the immunogen for the CD106 antibody.

Storage

Store the CD106 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).