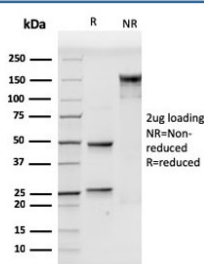


## CD106 Antibody / VCAM1 [clone VCAM1/3499] (V8468)

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**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	VCAM1/3499
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P19320
<b>Localization</b>	Cell surface
<b>Applications</b>	ELISA : order Ab without BSA for coating
<b>Limitations</b>	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).