

## 36-3349: Anti-CD106 / VCAM1 (Activated Endothelial Cell Marker) Monoclonal Antibody(Clone: B-K9)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	B-K9
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	VCAM1
<b>Gene ID :</b>	7412
<b>Uniprot ID :</b>	P19320
<b>Alternative Name :</b>	CD106; INCAM-100; L1CAM; Vascular Cell Adhesion Molecule 1 (VCAM1); Vascular cell adhesion protein 1
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Activated human umbilical vein endothelial cells (HUVEC)

### 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.

### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

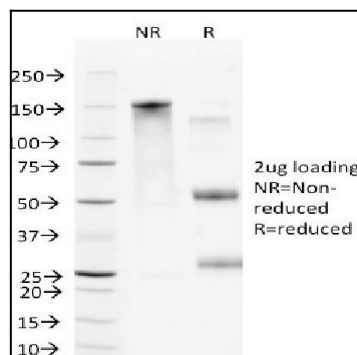


Fig. 1: SDS-PAGE Analysis Purified CD106 Mouse Monoclonal antibody (B-K9). Confirmation of Purity and Integrity of Antibody.