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

Clonality :	Monoclonal
Clone Name :	B-K9
Application :	FACS,IF
Reactivity :	Human
Gene :	VCAM1
Gene ID :	7412
Uniprot ID :	P19320
Alternative Name :	CD106; INCAM-100; L1CAM; Vascular Cell Adhesion Molecule 1 (VCAM1); Vascular cell adhesion protein 1
Isotype :	Mouse IgG1, kappa
Immunogen Information :	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

Amount :	20 µg / 100 µg
Content :	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.
Storage condition :	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);

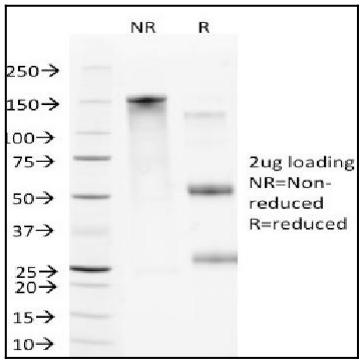


Fig. 1: SDS-PAGE Analysis Purified CD106 Mouse Monoclonal antibody (B-K9). Confirmation of Purity and Integrity of Antibody.

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