

## Mouse Monoclonal Antibody to VCAM1

<b>Catalogue Number</b>	sAP-0398
<b>Target Molecule</b>	<p><b>Name: VCAM1</b></p> <p><b>Aliases:</b> CD106; MGC99561; INCAM-100; DKFZp779G2333; VCAM1</p> <p><b>MW: 81kDa</b></p> <p><b>Entrez Gene ID: 7412</b></p>
<b>Description</b>	<p>This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. Tissue specificity: Expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue. INVITROGEN: CD106 is expressed on bone marrow stromal cells, myeloid cells, and endothelial cells.</p>
<b>Immunogen</b>	Purified recombinant fragment of human VCAM1 expressed in E. Coli.
<b>Reactive Species</b>	Human
<b>Clone</b>	MM6G9;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Cell Adh Migr. 2009 Oct;3(4):369-72. ; 2. Arthritis Rheum. 2010 Jan;62(1):105-16. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**