

VCAM1

Mouse Anti-Human VCAM1 / CD106 (Clone B-S6) mAb, Azide Free

Catalog No.	CDM106A CDM106B CDM106C	Quantity:	200 µg 500 µg 1.0 mg
Alternate Names:	Vascular Cell Adhesion Molecule 1, INCAM-100		
Description:	The mouse monoclonal antibody recognizes human Vascular Cell Adhesion Molecule 1 (VCAM1/CD106), a member of the Ig superfamily. VCAM1 is 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.		
UniProt ID:	P19320		
Gene ID:	7412		
Conjugate:	Unconjugated		
Specificity:	Recognizes the Vascular Cellular Adhesion Molecule-1 (VCAM-1), a 110 kDa protein		
Host:	Mouse		
Isotype:	IgG1k		
Immunogen:	Activated human umbilical vein endothelial cells		
Clone:	B-S6		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Concentration:	1.0 mg/ml		
Applications:	ELISA : Use as Capture Antibody at 0.50-2.5 µg/ml in a human CD106 sandwich ELISA in combination with biotinylated human CD106 Detection Antibody (Cat No CDM423) The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for 1 year. For longer storage, freeze aliquots at -20 to -80°C. Avoid repeated freeze-thaw cycles.		

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