

VCAM1

Mouse Anti-Human VCAM-1 / CD106 (Clone B-N8) Biotin Detection mAb

Catalog No.	CDM423	Quantity:	100 µg
Alternate Names:	Vascular Cell Adhesion Molecule 1, V-CAM 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:	Biotin		
Specificity:	Recognizes the Vascular Cellular Adhesion Molecule-1 (VCAM-1), a 110 kDa protein		
Concentration:	100 µg/ml		
Isotype:	Mouse IgG1		
Immunogen:	Activated human umbilical vein endothelial cells		
Clone:	B-N8		
Formulation:	Sterile-filtered PBS containing 1% BSA and 0.09% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Application Notes:	ELISA Detection Antibody: 0.05-0.5 µg/ml This antibody can be used as detection in a human VCAM1/CD106 sandwich ELISA in combination with human VCAM1/CD106 Capture Antibody (Cat.# CDM399). 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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