

RAT ANTI-MOUSE CD 106 (VCAM-1) (UNLABELLED, PURIFIED) MONOCLONAL ANTIBODY

CATALOG NUMBER:	CBL1300	QUANTITY:	500 µg
LOT NUMBER:		CONCENTRATION:	0.5 mg/mL
ALTERNATE NAMES:	CD106		
CLONE NAME:	M/K - 2	HOST/ISOTYPE:	Rt IgG1kappa
SPECIFICITY:	Murine vascular adhesion molecule (VCAM-1), single chain glycoprotein of Mr 100- kDa (under reducing conditions). VCAM-1 is present on the +/+ 2.4 stromal cell clone, large cells in bone marrow, and a subset of thymic macrophages. The stromal cell antigen is also detectable on the EOMA and BMS2 endothelial cell lines. The antibody reacts with all known isoforms of murine VCAM-1.		
APPLICATIONS:	Studies of cell-cell interaction Cell adhesion assays Inhibition of lymphopoiesis in Whitlock-Witte long-term marrow cultures Immunoprecipitation of the VCAM-1 integrin complex Detection of VCAM-1 cells by immunofluorescence and immunohistochemical staining: acetone or fresh frozen sections work best; although zinc formalin or PLP fixations are reported to work but they have not been verified by Chemicon. Optimal working dilutions must be determined by the end user.		
SPECIES REACTIVITY:	Reacts with Mouse. Reactivity with other species has not been determined.		
FORMAT:	Protein G affinity chromatography		
PRESENTATION:	The monoclonal is presented at a concentration of 0.5mg/ml in phosphate buffered saline containing 10mM sodium azide. We recommend that each laboratory determine an optimum working titre for use in its particular application.		
STORAGE/HANDLING:	For use within 1 month of purchase store at +4°C, for long term storage aliquot antibody into small volumes and store at -20°C.		
REFERENCES:	Akassoglou, K. et al. (2000). Tissue plasminogen activator-mediated fibrinolysis protects against axonal degeneration and demyelination after sciatic nerve injury. <i>J. Cell Biol.</i> 149(5):1157-1166.		

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Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

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