

Product datasheet for **AM05557PU-L**

Vcam1 Rat Monoclonal Antibody [Clone ID: MVCAM A (429)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MVCAM A (429)
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/10-1/50 diluted antibody to label 1 ⁰ cells in 100 µl. Immunohistochemistry on Frozen Sections.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Stromal cell line PA6
Specificity:	This antibody recognizes vascular adhesion molecule 1 (VCAM-1), a cell surface glycoprotein that is also known as CD106. Clone MVCAM A (429) is reported to partially block VCAM-1 mediated functions (See <i>Kinashi, T. and Springer, T.A.</i> for details).
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	vascular cell adhesion molecule 1
Database Link:	Entrez Gene 22329 Mouse P29533



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Background: CD106 is expressed predominantly on endothelial cells and expression is up-regulated during inflammation. The ligand for CD106 is the alpha 4 subunit (CD49d) of the integrin VLA-4 (CD49d/CD29).

Synonyms: V-CAM 1, INCAM-100, L1CAM, VCAM-1