

Monoclonal Antibody to CD106 / VCAM1 - PE

Alternate names:	INCAM-100, L1CAM, V-CAM 1, VCAM-1, Vascular cell adhesion protein 1
Catalog No.:	AM05557RP-T
Quantity:	25 Tests
Concentration:	0.1 mg/ml
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).
Uniprot ID:	P29533
NCBI:	10090
Host / Isotype:	Rat / IgG2a
Clone:	MVCAM A (429)
Immunogen:	Stromal cell line PA6
Format:	State: lyophilized purified IgG Purification: Affinity chromatography on Protein G Buffer System: Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide, 1% Bovine Serum Albumin Label: PE – R. Phycoerythrin (RPE) Reconstitution: Reconstitute with 0,25 ml distilled water
Applications:	Flow Cytometry: 1/10. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises 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 . Species: Mouse. Other species not tested.
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
General Readings:	1. Kinashi, T. and Springer, T.A. (1994) Adhesion molecules in hematopoietic cells. Blood Cells. 20:25 - 44.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com



2. Wormley FL, Chaiban J, Fidel PL. Cell adhesion molecule and lymphocyte activation marker expression during experimental vaginal candidiasis. Infect Immun. 2001 Aug;69(8):5072-9. PubMed PMID: 11447188.

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