

Monoclonal Antibody to CD106 / VCAM1 - Purified

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| Alternate names: | INCAM-100, L1CAM, V-CAM 1, VCAM-1, Vascular cell adhesion protein 1 |
| Catalog No.: | AM05549PU-N |
| Quantity: | 0.2 mg |
| Concentration: | 1.0 mg/ml |
| Background: | CD106, also known as vascular cell adhesion molecule 1 (VCAM-1), is also expressed by several non-endothelial cell types including some macrophages, follicular dendritic cells and bone marrow, stromal cells. CD106 binds the integrins alpha4 beta1 and alpha4 beta7 and mediates leucocyte-endothelial cell adhesion. |
| Uniprot ID: | P19320 |
| NCBI: | NP_001069.1 |
| GeneID: | 7412 |
| Host / Isotype: | Mouse / IgG1 |
| Clone: | STA |
| Immunogen: | Cells of the DS6 T-cell line |
| Format: | State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide |
| Applications: | Immunoprecipitation. Flow Cytometry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody recognises CD106, a 110kD cell surface protein predominantly expressed on activated vascular endothelium. Species: Human. Other species not tested. |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. 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. Leca G, Mansur SE, Bensussan A. Expression of VCAM-1 (CD106) by a subset of TCR gamma delta-bearing lymphocyte clones. Involvement of a metalloprotease in the specific hydrolytic release of the soluble isoform. J Immunol. 1995 Feb 1;154(3):1069-77. PubMed PMID: 7529789. |

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

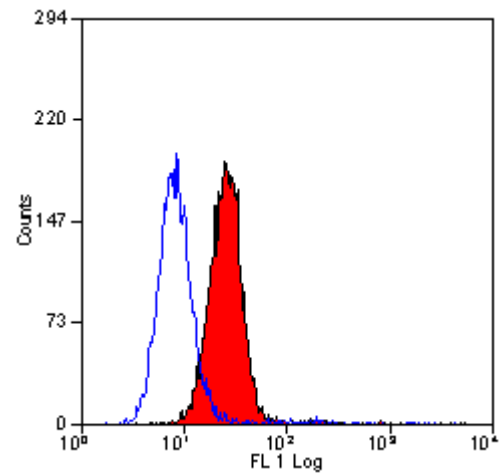
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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



Pictures:

Staining of KM-H2 cells with mouse anti human CD106



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