

36-1795: Monoclonal Antibody to CD106 / VCAM1 (Activated Endothelial Cell Marker)(Clone : VCAM1/843)

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|--------------------------------|---------------------------------|
| Clonality : | Monoclonal |
| Clone Name : | VCAM1/843 |
| Application : | IHC |
| Reactivity : | Human |
| Gene : | VCAM1 |
| Gene ID : | 7412 |
| Uniprot ID : | P19320 |
| Format : | Purified |
| Alternative Name : | VCAM1,L1CAM |
| Isotype : | Mouse IgG1, kappa |
| Immunogen Information : | Recombinant human VCAM1 protein |

Description

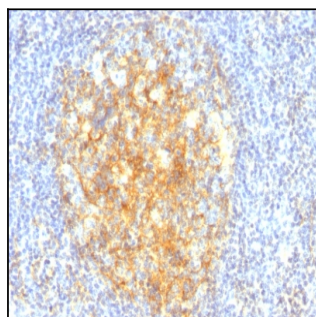
Recognizes a protein of 110kDa, identified as CD106 (also known as vascular cell adhesion molecule-1 (VCAM-1) and INCAM-100). CD106 is a member of the Ig superfamily of adhesion molecules and is expressed at high levels on cytokine stimulated vascular endothelial cells, and at minimal levels on un-stimulated endothelial cells. It is also present on follicular and inter-follicular dendritic cells of lymph nodes, myoblasts, and some macrophages. CD106 serves as a ligand for leukocyte integrin (VLA-4 or CD49d/CD29) and mediates cell adhesion of leukocytes to activated endothelium. It plays a role in various immunological and inflammatory responses.

Product Info

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| Amount : | 100 µg |
| Purification : | Affinity Chromatography |
| Content : | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Tonsil stained with CD106 Monoclonal Antibody (VCAM1/843).