

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

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

#### Description

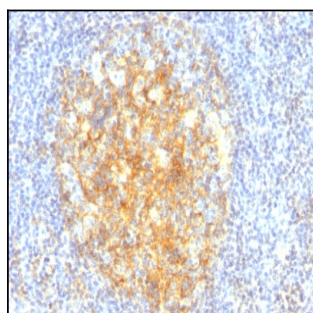
Recognizes a protein of 110kDa, identified as CD106 (also known as vascular cell adhesion molecule-1 (VCAM-1) and INCAM-100). CD106 is a member of the Ig superfamily of adhesion molecules and is expressed at high levels on cytokine stimulated vascular endothelial cells, and at minimal levels on un-stimulated 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

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	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).