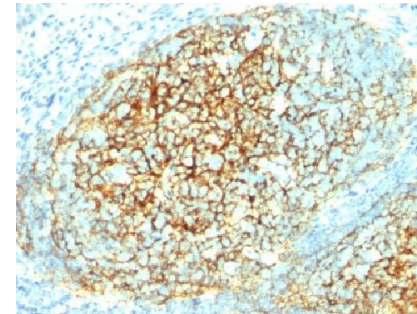


Anti-CD106 / VCAM1 Antibody (1.4C3)

CATALOG NO:	A1470-100
ALTERNATIVE NAMES:	CD106; INCAM-100; L1CAM; Vascular Cell Adhesion Molecule 1 (VCAM1); Vascular cell adhesion protein 1
AMOUNT:	100 µg
IMMUNOGEN:	Stimulated human umbilical vein endothelial cells (HUVEC)
HOST/ISOTYPE:	Mouse IgG1, kappa
CLONALITY:	Monoclonal
CLONE:	1.4C3
MOL WEIGHT:	110 kDa
SPECIES REACTIVITY:	Human
PURIFICATION:	Protein A/G purified
FORM:	Liquid
FORMULATION:	Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
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.
APPLICATION:	FC: 0.5-1 µg/1X10 ⁶ cells IF: 1-2 µg/ml IHC: 0.5-1 µg/ml for 30 minutes at RT (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes)
	Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded human Tonsil stained with CD106 Monoclonal Antibody (1.4C3).

RELATED PRODUCTS:

- VCAM-1/CD106 Antibody (Center) (**Cat. No. 6783**)
- Human CellExp™ VCAM-1, Human Recombinant (**Cat. No. 7211**)
- VCAM-1 (mouse) ELISA Kit (**Cat. No. K7212**)
- VCAM-1 (human) ELISA Kit (**Cat. No. K7211**)

FOR RESEARCH USE ONLY! Not to be used on humans.