Affinity Biosciences
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VCAM1 Ab

Cat.#: BF0253   Concn.: 1mg/ml   Mol.Wt.: 81kDa
Size: 50ul,100ul,200ul   Source: Mouse   Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	VCAM1 Ab detects endogenous levels of total VCAM1.
Immunogen:	Purified recombinant fragment of human VCAM1 expressed in E. Coli.
Uniprot:	P19320
Description:	This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of artherosclerosis and rheumatoid arthritis. Two alternatively spliced transcripts encoding different isoforms have been described for this gene.Tissue specificity: Expressed on inflamed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflamed tissue.INVITROGEN: CD106 is expressed on bone marrow stromal cells, myeloid cells, and endothelial cells.
Subcellular Location:	Membrane.
Tissue Specificity:	Expressed on inflammed vascular endothelium, as well as on macrophage-like and dendritic cell types in both normal and inflammed tissue.
Similarity:	Either the first or the fourth Ig-like C2-type domain is required for VLA4-dependent cell adhesion.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

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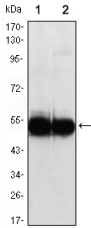order:order@affbiotech.com

Figure 1: Western blot analysis using VCAM1 mouse mAb against HUVEC (1) and EC (2) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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