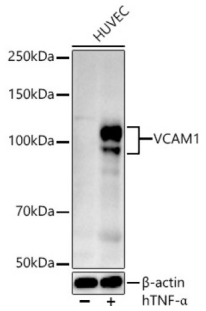
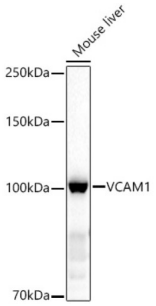
Vascular Cell Adhesion Molecule 1 (VCAM1) Antibody

Catalogue No.:abx000664



Western blot analysis of lysates from HUVEC cells, using VCAM1 Antibody at 1/500 dilution. HUVEC cells were treated by Human Tumor Necrosis Factor-α (hTNF-α) (10 ng/ml) for 16 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



Western blot analysis of lysates from Mouse liver, using VCAM1 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.

Vascular Cell Adhesion Molecule 1 / CD106 (VCAM1) Antibody is a Rabbit Polyclonal antibody against Vascular Cell Adhesion Molecule 1 / CD106 (VCAM1). 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. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.

Target:	Vascular Cell Adhesion Molecule 1 (VCAM1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthetic peptide corresponding to VCAM1. The exact sequence is proprietary.
Isotype:	IgG

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Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P19320 (UniProt, ExPASy)
Gene Symbol:	VCAM1
GeneID:	7412
NCBI Accession:	NP_001069.1
KEGG:	hsa:7412
String:	9606.ENSP00000294728
Molecular Weight:	Calculated MW: 81 kDa Observed MW: 95-120 kDa
Buffer:	PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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