

## Product datasheet for TA336775

### VCAM1 Mouse Monoclonal Antibody [Clone ID: 6G9]

#### Product data:

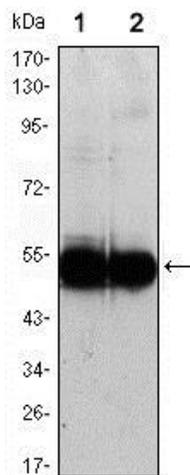
Product Type:	Primary Antibodies
Clone Name:	6G9
Applications:	IHC, WB
Recommend Dilution:	WB: 1:500-1:2000, ELISA: 1:10000, IHC: 1:200-1:1000, IHC-P: 1:200-1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human VCAM1 expressed in E. coli. [UniProt# P19320]
Formulation:	PBS, 0.03% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	1 mg/ml
Purification:	Ammonium sulfate precipitation
Predicted Protein Size:	81 kDa
Gene Name:	vascular cell adhesion molecule 1
Database Link:	<a href="#">NP_001069 Entrez Gene 7412 Human</a>
Background:	VCAM1 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 atherosclerosis 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.
Synonyms:	CD106; INCAM-100
Note:	This VCAM1 (6G9) antibody is useful for Western blot, Immunohistochemistry on paraffin-embedded sections and ELISA.
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



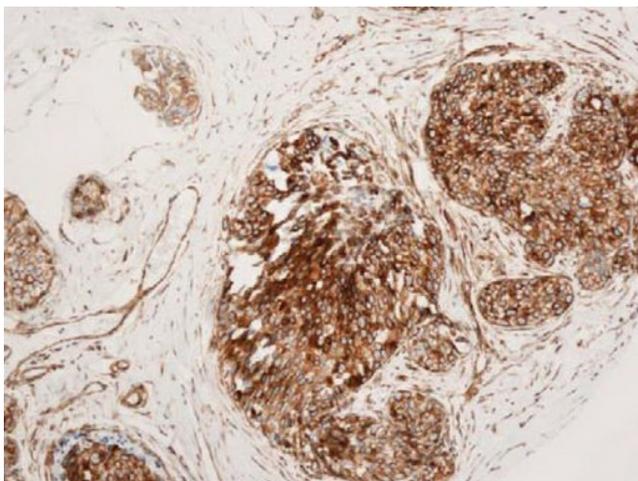
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Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

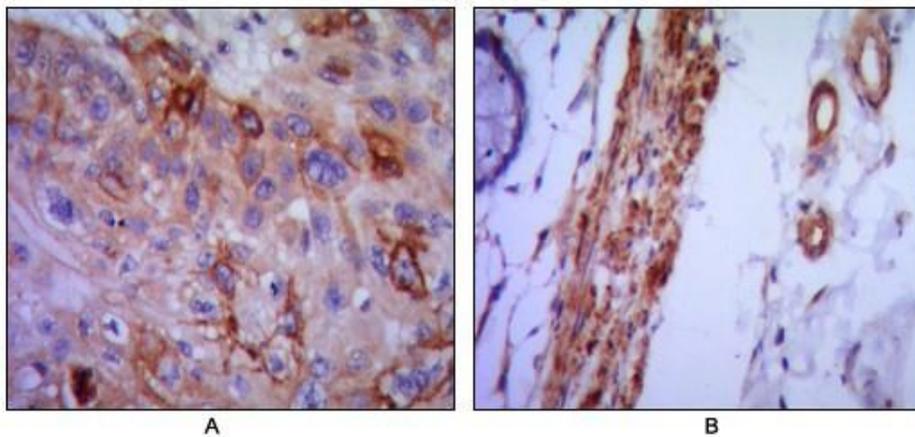
### Product images:



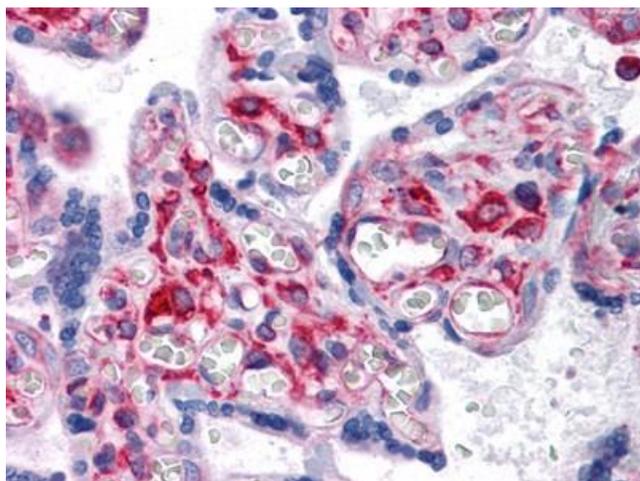
Western Blot: CD106 / VCAM1 Antibody (6G9) TA336775 - using VCAM1 mouse mAb against HUVEC (1) and EC (2) cell lysate.



Immunohistochemistry: CD106 / VCAM1 Antibody (6G9) TA336775 - Breast carcinoma, cytoplasmic staining. Image from verified customer review.



Immunohistochemistry-Paraffin: CD106 / VCAM1 Antibody (6G9) TA336775 - human lung cancer (A) and colon cancer (B) using VCAM1 mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: CD106 / VCAM1 Antibody (6G9) TA336775 - human Placenta tissues using VCAM1 mouse mAb