

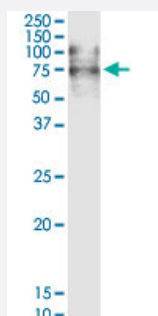
MaxPab®

VCAM1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007412-D01P

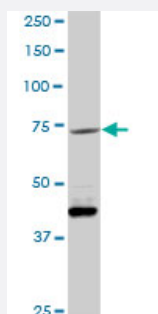
Size 100 ug

Applications



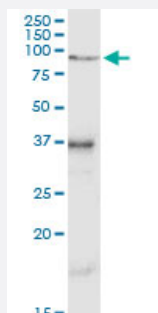
Western Blot (Tissue lysate)

VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in human spleen.



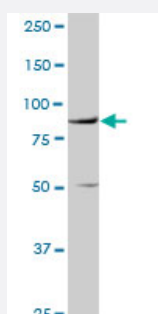
Western Blot (Tissue lysate)

VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in mouse lung.



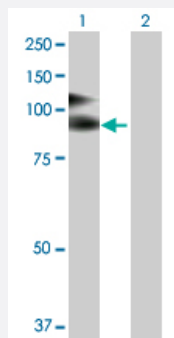
Western Blot (Tissue lysate)

VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in mouse testis.



Western Blot (Cell lysate)

VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of VCAM1 expression in transfected 293T cell line ([H00007412-T01](#)) by VCAM1 MaxPab polyclonal antibody.

Lane 1: VCAM1 transfected lysate(81.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human VCAM1 protein.
Immunogen	VCAM1 (NP_001069.1, 1 a.a. ~ 739 a.a) full-length human protein.
Sequence	MPGKMVVILGASNILWIMFAASQAFKIETTPESRYLAQIGDSVSLTCSTTGCESPFFSWRTQIDSPLNGKVTNEGTTSTLTMNPVSFGNEHSYLCTATCESRKLEKGIQVEISFPKDPEIHLSGPLEAGKPITVKCSVADVYPFDRLEIDLLKGDHLMKSQEFLEDADRKSLETKSLEVTFTPVEDIGKVLVCRAKLHIDEMDSVPTVRQAVKELQVYISPKNTVISVNPSTKLQEGGSVTMTCSSEGLPAPEIFWSKKLDNGNLQHLSGNATLTIAMRMEDSGIYCEGVNLIGKNRKEVELIVQEKPFTEISPGPRIAAQIGDSVMLTCSVMGCESPSFSWRTQIDSPLSGKVRSEGNTSTLTSPVSFENEHSYLCTVTCGHKKLEKGIQVELYSFPRDPEIEMSGGLVNGSSVTVSCKVPSVYPLDRLEIELLKGETILENIEFLEDTDMKSLENKSL EMTFIPTIEDTGKALVCQAKLHIDMEFEPKQRQSTQTLVNVAPRDTTVLVSPSSILEEGSSVNMTCLSQGFPAPKILWSRQLPNGELQPLSENATLTLISTKMEDSGVYLCEGINQAGRSRKEVELIIQVTPKDIKLTAFPSESVKEGDTVIIISCTCGNVPETWILKKKAETGDTVLSIDGAYTIRKAQLKDAGVYECESKNKVGSQRLRSLTLDVQGRENNKDYFPELLVLYFASSLIIPAIGMIYFARKANMKGSYSLVEAQKSKV
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in human spleen.

[Protocol Download](#)

- Western Blot (Tissue lysate)

VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in mouse lung.

[Protocol Download](#)

- Western Blot (Tissue lysate)

VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in mouse testis.

[Protocol Download](#)

- Western Blot (Cell lysate)

VCAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of VCAM1 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of VCAM1 expression in transfected 293T cell line ([H00007412-T01](#)) by VCAM1 MaxPab polyclonal antibody.

Lane 1: VCAM1 transfected lysate(81.30 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — VCAM1

Entrez GeneID [7412](#)

GeneBank Accession# [NM_001078](#)

Protein Accession# [NP_001069.1](#)

Gene Name VCAM1

Gene Alias CD106, DKFZp779G2333, INCAM-100, MGC99561

Gene Description vascular cell adhesion molecule 1

Omim ID [192225](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 atherosclerosis and rheumatoid arthritis. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations

CD106 antigen|OTTHUMP00000012650|OTTHUMP00000012651

Publication Reference

- [Lipoxin A4 inhibits immune cell binding to salivary epithelium and vascular endothelium.](#)

Chinthamani S, Odusanwo O, Mondal N, Nelson J, Neelamegham S, Baker OJ.

American Journal of Physiology. Cell Physiology 2012 Apr; 302(7):C968.

Application: WB-Ce, Human, HSG cells

- [Enhanced Anti-Inflammatory Activities of Monascus pilosus Fermented Products by Addition of Ginger to the Medium.](#)

Chen CC, Chyau CC, Liao CC, Hu TJ, Kuo CF.

Journal of Agricultural and Food Chemistry 2010 Nov; 58(22):12006.

Application: WB-Ce, Human, HUVECs

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)

Disease

- [Alzheimer disease](#)
- [Anemia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Biliary Tract Neoplasms](#)

- [Birth Weight](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Erythema Nodosum](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Heart Diseases](#)
- [Hematologic Diseases](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)

- [Inflammation](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphedema](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)

- [Werner syndrome](#)