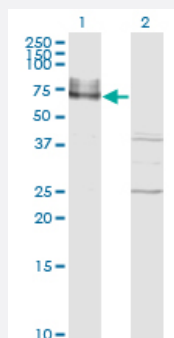


ICAM1 monoclonal antibody (M01), clone 3H8-2G6

Catalog # H00003383-M01

Size 100 ug

Applications

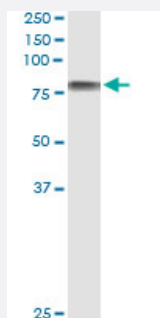


Western Blot (Transfected lysate)

Western Blot analysis of ICAM1 expression in transfected 293T cell line by ICAM1 monoclonal antibody (M01), clone 3H8-2G6.

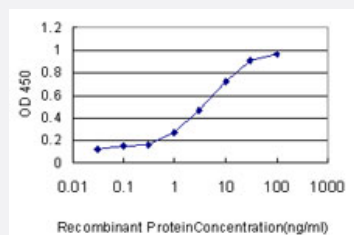
Lane 1: ICAM1 transfected lysate (Predicted MW: 57.8 KDa).

Lane 2: Non-transfected lysate.



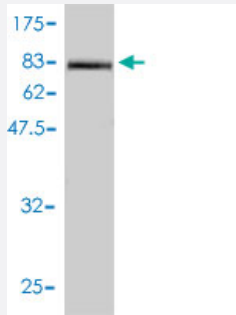
Immunoprecipitation

Immunoprecipitation of ICAM1 transfected lysate using anti-ICAM1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ICAM1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ICAM1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (84.26 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ICAM1.
Immunogen	ICAM1 (AAH15969, 1 a.a. ~ 532 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAPSSPRPALPALLVLLGALFPGPGNAQTSVSPSKVILPRGGSVLVTCSTSCDQPKLLGIETPLPK KELLPLGNNRKVYELSNVQEDSQPMCYSNCPDGQSTAKTFLTVYWTPERVELAPLPSWQPVGK NLTLCRCQVEGGAPRANLTVVLLRGEKELKREPAVGEPAEVTTTVLVRRDHHGANFSCRTDLR PQGLELFENTSAPYQLQTFVLPATPPQLVSPRVLEVDTQGTVCVSLDGLFPVSEAQVHLALGDQ RLNPTVTYGNDSFSAKASVSVTAEDEGTQRLTCAVILGNQSQETLQVTIYSFPAPNVILTKPEVSE GTEVTVKCEAHPRAKVTLNGVPAQPLGPRAQLLLKATPEDNGRSFSCSATLEVAGQLIHKNQTRE LRVLYGPRLDERDCPGNWTWPENSQQTPMCQAWGNPLPELKCLKDGTFFPLPIGESVTVTRDLE GTYLRRARSTQGEVTRKVAVNVLSPRYEMITVVAAMVIMGTAGLSTLYNRQRKIKKYRLQQAQKG TPMKPNTQATPP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (53); Rat (51)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (84.26 KDa) .
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 (Transfected lysate)

Western Blot analysis of ICAM1 expression in transfected 293T cell line by ICAM1 monoclonal antibody (M01), clone 3H8-2G6.

Lane 1: ICAM1 transfected lysate (Predicted MW: 57.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of ICAM1 transfected lysate using anti-ICAM1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ICAM1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ICAM1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ICAM1

Entrez GeneID [3383](#)

GeneBank Accession# [BC015969](#)

Protein Accession# [AAH15969](#)

Gene Name ICAM1

Gene Alias BB2, CD54, P3.58

Gene Description intercellular adhesion molecule 1

Omim ID [147840 248310 611162](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq]

Other Designations

cell surface glycoprotein P3.58|human rhinovirus receptor|intercellular adhesion molecule 1 (CD54), human rhinovirus receptor

Publication Reference

- [Lipid-Induced Toxicity Stimulates Hepatocytes to Release Angiogenic Microparticles That Require Vanin-1 for Uptake by Endothelial Cells.](#)

Povero D, Eguchi A, Niesman IR, Andronikou N, de Mollerat du Jeu X, Mulya A, Berk M, Lazic M, Thapaliya S, Parola M, Patel HH, Feldstein AE.

Science Signaling 2013 Oct; 6(296):ra88.

Application: WB-Ce, Human, HepG2 cells

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)

Disease

- [Acute Disease](#)
- [Albuminuria](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Angina Pectoris](#)
- [Arterial Occlusive Diseases](#)
- [Arthritis](#)
- [Asthma](#)
- [Astrocytoma](#)

- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Biliary Atresia](#)
- [Birth Weight](#)
- [Blood Coagulation Disorders](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chlamydia Infections](#)
- [Cholangitis](#)
- [Chronic Disease](#)
- [Cicatrix](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Common Cold](#)
- [Community-Acquired Infections](#)
- [Constriction](#)
- [Coronary Artery Disease](#)

- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Crohn Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Encephalitis](#)
- [Endometriosis](#)
- [Erythema Nodosum](#)
- [Esophageal Neoplasms](#)
- [Fatigue Syndrome](#)
- [Fibrosis](#)
- [Gastrointestinal Hemorrhage](#)
- [Gastroschisis](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulonephritis](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)

- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemias](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Insulin Resistance](#)
- [Ischemia](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)

- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Multiple System Atrophy](#)
- [Myocardial Infarction](#)
- [Myocardial Reperfusion Injury](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatitis](#)
- [Parkinson disease](#)
- [Periodontitis](#)
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- [Postoperative Hemorrhage](#)
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- [Prostate cancer](#)

- [Prostatic Neoplasms](#)
- [Pseudoxanthoma Elasticum](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Purpura](#)
- [Q Fever](#)
- [Recurrence](#)
- [Respiratory Distress Syndrome](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Schizophrenia](#)
- [Shock](#)
- [Skin Neoplasms](#)
- [Stroke](#)
- [Syndrome](#)
- [Systemic Inflammatory Response Syndrome](#)
- [Temporal Arteritis](#)
- [Thrombosis](#)
- [Trachoma](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Tract Infections](#)
- [Uveitis](#)
- [Vasculitis](#)
- [Venous Thrombosis](#)
- [Vertebral Artery Dissection](#)
- [Vision Disorders](#)

- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)