

Rabbit anti-Human ICAM-1/CD54 Polyclonal Antibody | anti-ICAM1 antibody

Anti-ICAM-1/CD54 Antibody, Rabbit Polyclonal

CATALOG # AAA259488	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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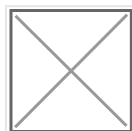
PRODUCT SYNONYMS

ICAM-1/CD54; Polyclonal Antibody; Anti-ICAM-1/CD54 Antibody; Rabbit Polyclonal; ICAM-1/CD54 Antibody; Rabbit PAb; Antigen Affinity Purified; intercellular adhesion molecule 1; Anti-BB2 Antibody; Anti-CD54 Antibody; Anti-P3.58 Antibody; anti-ICAM1 antibody

PRODUCT SPECIFICATIONS

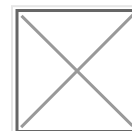
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ICAM-1/CD54
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ICAM1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human ICAM-1/CD54 Protein (NP_000192.2; Met1-Glu480). ICAM-1/CD54 specific IgG was purified by Human ICAM-1/CD54 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human ICAM-1 in human appendix with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human ICAM-1 in human liver with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-ICAM1 antibody	Intercellular adhesion molecule-1 (ICAM-1, or CD54) is a 90 kDa member of the immunoglobulin (Ig) superfamily and is critical for the firm arrest and transmigration of leukocytes out of blood vessels and into tissues. ICAM-1 is constitutively present on endothelial cells, but its expression is increased by proinflammatory cytokines. The endothelial expression of ICAM-1 is increased in atherosclerotic and transplant-associated atherosclerotic tissue and animal models of atherosclerosis. Additionally, ICAM-1 has been implicated in the progression of autoimmune diseases. ICAM-1 is a ligand for LFA-1(integrin). When activated, leukocytes bind to endothelial cells via ICAM-1/LFA-1 interaction and then transmigrate into tissues. Presence with heavy glycosylation and other structural characteristics, ICAM-1 possesses binding sites for some immune-associated ligands and serves as the binding site for entry of the major group of human Rhinovirus (HRV) into various cell types. ICAM-1 also becomes known for its affinity for Plasmodium falciparum-infected erythrocytes (PFIE), providing more of a role in infectious disease. Previous studies have shown that ICAM-1 is involved in inflammatory reactions and that a defect in ICAM-1 gene inhibits allergic contact hypersensitivity.
Product Categories/Family for anti-ICAM1 antibody	Neuroinflammation
References	X. H. e. al. (2001). Th. rol. o. ICAM-. molecul. i. th. migratio. o. Langerhan. cell. i. th. ski. an. regiona. lym. node. Eu. . Immunol. 31(10). 3085-93.Tero. MJ. e. al. (2003). Solubl. intercellula. adhesio. molecule-. (s-ICAM-1/s-CD54. i. diffus. larg. B-cel. lymphoma. associatio. wit. clinica. characteristic. an. outcome. An. Oncol. 14(3). 467-74.Mende. MP. e. al. (2006). Sheddin. o. solubl. ICAM-. int. th. alveola. spac. i. murin. model. o. acut. lun. injury. A. . Physio. Lun. Cel. Mo. Physiol. 290(5). L962-70.Lawso. C. e. al. (2009). ICAM-. signalin. i. endothelia. cells. Pharmaco. Rep. 61(1). 22-32.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466198
NCBI GeneID	3383
NCBI Accession #	NP_000192.2
NCBI GenBank Nucleotide #	NM_000201.2
UniProt Accession #	P05362; Q5NKV7; Q96B50; B2R6M3
Molecular Weight	57,825 Da
NCBI Official Full Name	intercellular adhesion molecule 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 1
NCBI Official Symbol	ICAM1
NCBI Official Synonym Symbols	BB2; CD54; P3.58
NCBI Protein Information	intercellular adhesion molecule 1; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	ICAM1
UniProt Synonym Gene Names	ICAM-1
UniProt Entry Name	ICAM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.