

Mouse anti-Human CD54 Monoclonal Antibody | anti-CD54 antibody

CD54(ICAM-1) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300719	Mouse	Human	Immunocytochemistry, Western Blot

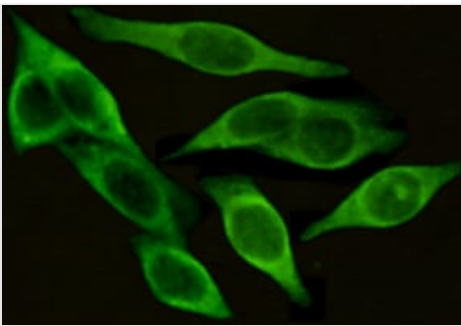
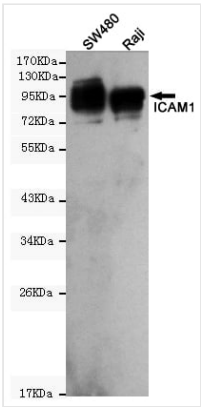
PRODUCT SYNONYMS

CD54; Monoclonal Antibody; CD54(ICAM-1) Monoclonal Antibody; BB 2; BB2; CD 54; CD_antigen=CD54; Cell surface glycoprotein P3.58; Human rhinovirus receptor; ICAM 1; ICAM-1; ICAM1; ICAM1_HUMAN; Intercellular adhesion molecule 1; Major group rhinovirus receptor; MALA 2; MALA2; MyD 10; MyD10; P3.58; anti-CD54 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	4F5-F9-F12
Specificity	This antibody detects endogenous levels of ICAM1(C-terminus) and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Sequence Length	532
Applicable Applications for anti-CD54 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human ICAM1(C-terminus) protein fragments expressed in E Coli.
Target Name	CD54(ICAM-1)
Preparation and Storage	Store at -20 degree C

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry staining of SW480 cells fixed by anhydrous methanol for 2 h at -20 degree C and using anti-ICAM1 antibody (dilution 1:200).

WB (Western Blot)
Western blot detection of ICAM1 antibody in SW480 and Raji cell lysates using ICAM1 antibody (1:1000 diluted). Predicted band size:96KDa.Observed band size:96KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CD54 antibody	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.
Product Categories/Family for anti-CD54 antibody	Total protein Ab

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
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.