

CD54(ICAM-1) Monoclonal Antibody

Catalog No: #27176



Package Size: #27176-1 50ul #27176-2 100ul

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Description

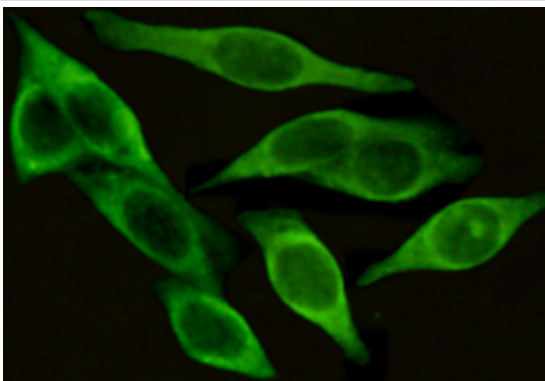
Product Name	CD54(ICAM-1) Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	4F5-F9-F12
Isotype	IgG2b
Purification	Affinity purified
Applications	WB ICC
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of ICAM1(C-terminus) and does not cross-react with related proteins.
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human ICAM1(C-terminus) protein fragments expressed in E.coli.
Conjugates	Unconjugated
Target Name	CD54(ICAM-1)
Other Names	BB 2; BB2; CD 54; CD_antigen=CD54; 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
Accession No.	Uniprot: P05362 Gene ID: 3383
SDS-PAGE MW	96kd
Formulation	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Storage	store at -20 Λ C

Application Details

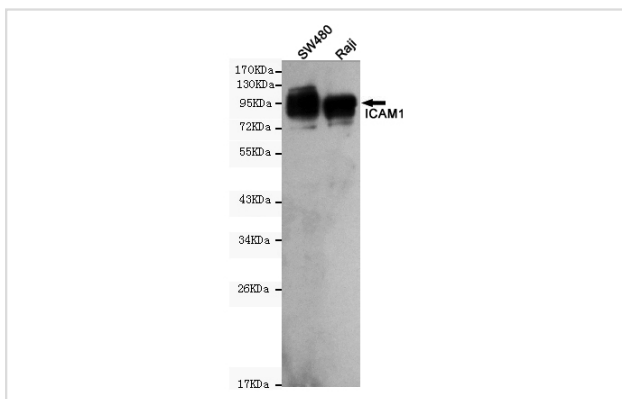
Western blotting: 1:1000

Immunocytochemistry: 1:200

Images



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



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.

Background

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.

Published Papers

el et al., Astragalus polysaccharides mediated preventive effects on bronchopulmonary dysplasia in rats. In *Pediatr Res* on 2014 Oct by Xiao-Hong Wang, Hong-Ling Jia et al.. PMID: 25029259 , , (2014)

[PMID:25029259](https://pubmed.ncbi.nlm.nih.gov/25029259/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.