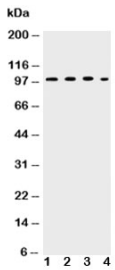
ICAM-1 Antibody / CD54 (R31450)

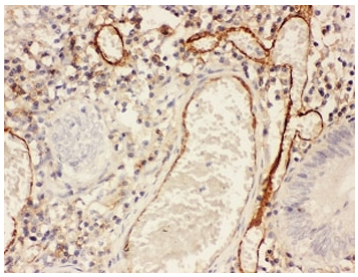
Catalog No.	Formulation	Size
R31450	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

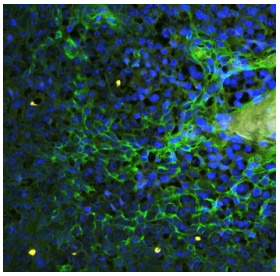
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	3383
Applications	Western blot: 0.5-1ug/ml Immunohistochemisty (FFPE): 0.5-1ug/ml Immunofluorescence: 1-2ug/ml Flow cytometry: 1-3ug/10^6 cells
Limitations	This ICAM-1 antibody is available for research use only.



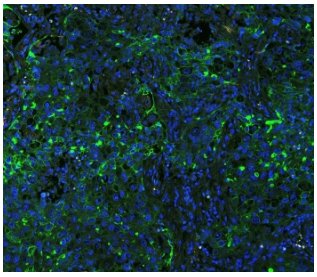
Western blot testing of ICAM-1 antibody and Lane 1: HEPG2; 2: K562; 3: A549; 4: HT1080 lysate. Predicted molecular weight: ~58/75-115 kDa (unmodified/glycosylated).



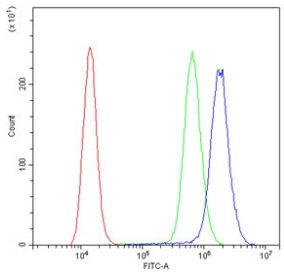
IHC staining of FFPE human intestinal cancer with ICAM-1 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human tonsil tissue with ICAM-1 antibody (green) at 1ug/ml and DAPI nuclear counterstain (blue). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human lung cancer with ICAM-1 antibody (green) at 1ug/ml and DAPI nuclear counterstain (blue). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Flow cytometry testing of human A431 cells with ICAM-1 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ICAM-1 antibody.

Description

Intercellular adhesion molecule-1 is a ligand for LFA-1, a beta 2 leukocyte integrin. In humans, lymphocyte adhesion to cells is mediated by the protein heterodimer Leu-CAMa/LFA-1 and its ligand ICAM-1.

For an alternative monoclonal targeting ICAM1/CD54, see our ICAM1 Antibody ICAM1/6319 / Cell Adhesion Molecule Antibody page.

Application Notes

The stated application concentrations are suggested starting points. Titration of the ICAM-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 214-532) was used as the immunogen for this ICAM-1 antibody.

Storage

After reconstitution, the ICAM-1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at

-20oC. Avoid repeated freezing and thawing.

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