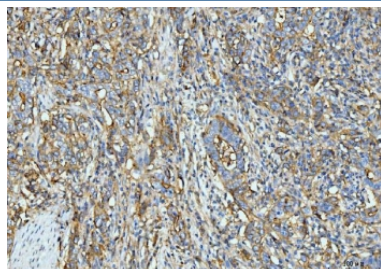


Intercellular adhesion molecule 1 Antibody / ICAM1 [clone 6F2C3] (RQ7002)

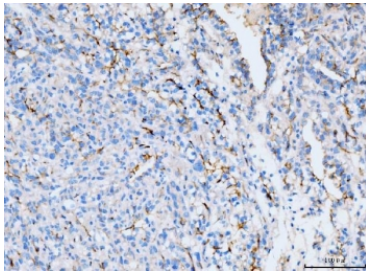
Catalog No.	Formulation	Size
RQ7002	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

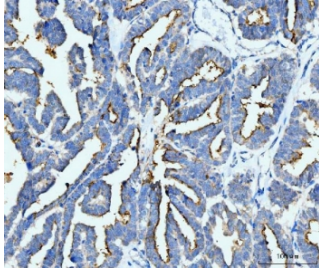
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	6F2C3
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P05362
Applications	Western Blot : 0.5-1 ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This Intercellular adhesion molecule 1 antibody is available for research use only.



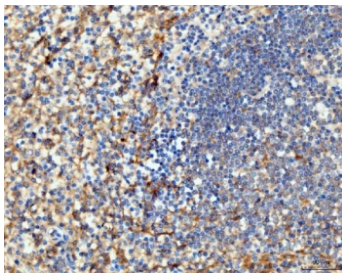
IHC staining of FFPE human rectal moderately differentiated adenocarcinoma tissue with Intercellular adhesion molecule 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



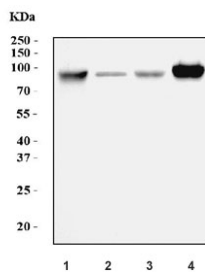
IHC staining of FFPE human renal carcinoma tissue with Intercellular adhesion molecule 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



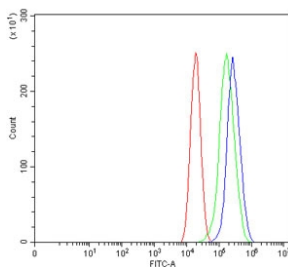
IHC staining of FFPE human ovarian serous adenocarcinoma tissue with Intercellular adhesion molecule 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human spleen tissue with Intercellular adhesion molecule 1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) Raji, 2) HeLa, 3) K562 and 4) HepG2 cell lysate with Intercellular adhesion molecule 1 antibody. Predicted molecular weight: ~58 kDa (unmodified), 75-115 kDa (glycosylated).



Flow cytometry testing of human Caco-2 cells with Intercellular adhesion molecule 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Intercellular adhesion molecule 1 antibody.

Description

CD54, also known as ICAM-1 and Intercellular adhesion molecule-1 (ICAM1) is a ligand for lymphocyte function-associated (LFA) antigens. ICAM-1 is an integral membrane protein, a member of the immunoglobulin superfamily, and a ligand for LFA-1, a beta 2 leukocyte integrin. This protein is the major human rhinovirus receptor. The ICAM1 gene is mapped to human chromosome 19. In humans, lymphocyte adhesion to cells is mediated by the protein heterodimer CD11a/CD18 (Leu-CAMa, LFA-1) and its ligand CD54 (ICAM-1).

Application Notes

Optimal dilution of the Intercellular adhesion molecule 1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q28-R268) was used as the immunogen for the Intercellular adhesion molecule 1 antibody.

Storage

After reconstitution, the Intercellular adhesion molecule 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.