

Datasheet for ABIN7249440

anti-ICAM1 antibody

4 Images

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	ICAM1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICAM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse ICAM-1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ICAM1
Alternative Name:	CD54 (ICAM1 Products)
Target Type:	Viral Protein
Background:	ICAM-1 (CD54) is a 90- kDa transmembrane glycoprotein of the immunoglobulin superfamily and is critical for the firm attachment and transmigration of leukocytes out of blood vessels

Target Details

and into tissues . ICAM-1 is expressed by several cell types,typically on endothelial cells and cells of the immune system,and its expression can be up-regulated by various stimuli,including TNF- α ,INF- γ ,IL-1 and thrombin . It is a ligand for LFA-1 and Mac-1,serves as a receptor for rhinovirus,and is one of several receptors used by Plasmodium falciparum .

Molecular Weight: Observed_MW: 58 kDa
Calculated_MW: 58 kDa

UniProt: [P05362](#), [Q00238](#), [P13597](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Actin Filament Polymerization](#), [Carbohydrate Homeostasis](#), [Regulation of Leukocyte Mediated Immunity](#), [Thromboxane A2 Receptor Signaling](#)

Application Details

Application Notes: WB 1:1000-1:3000, IHC 1:500-1:1000, IF 1:200-1:800

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.84 mg/mL

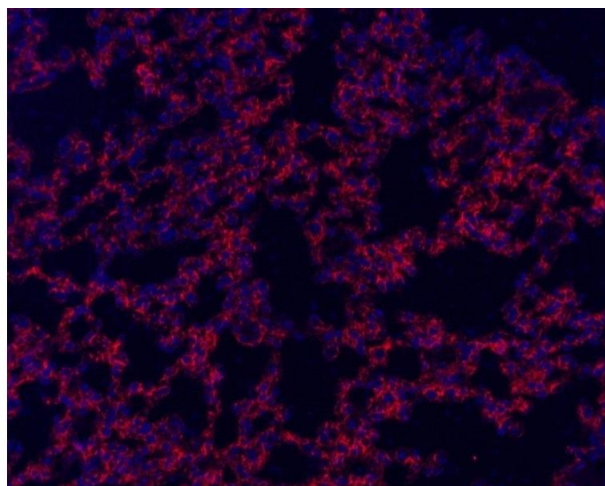
Buffer: PBS with 0.02 % sodium azide, 1 % BSA and 50 % glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

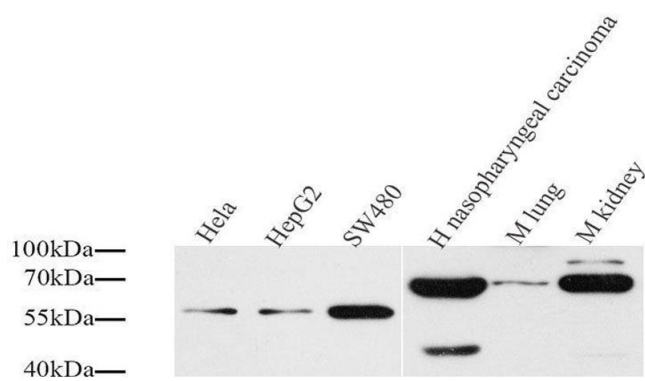
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



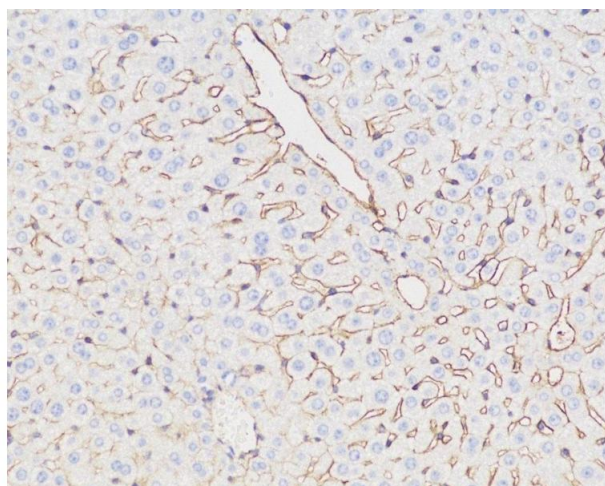
Immunofluorescence

Image 1. Immunofluorescence analysis of paraffin-embedded mouse lung using CD54 Polyclonal Antibody at dilution of 1:300.



Western Blotting

Image 2. Western Blot analysis of various samples using CD54 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis of paraffin-embedded Mouse liver using CD54 Polyclonal Antibody at dilution of 1:500.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7249440.