

Rabbit anti-Human, Mouse ICAM-1/CD54 Monoclonal Antibody | anti-ICAM1 antibody

ICAM-1/CD54 Rabbit PolymAb

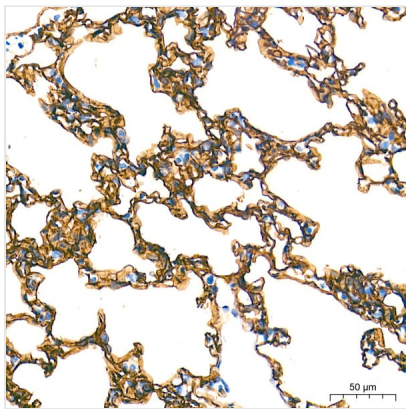
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28578	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

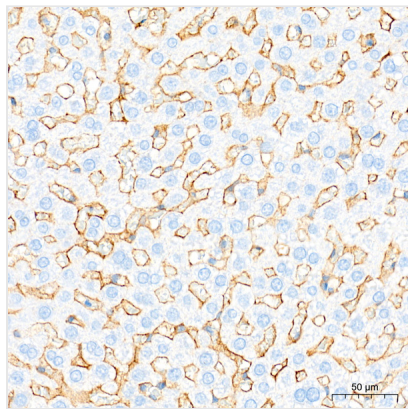
ICAM-1/CD54; Monoclonal Antibody; ICAM-1/CD54 Rabbit PolymAb; MAL; CD54; Icam; Ly-4; Ly-47; Icam-1; MALA-2; anti-ICAM1 antibody

PRODUCT SPECIFICATIONS

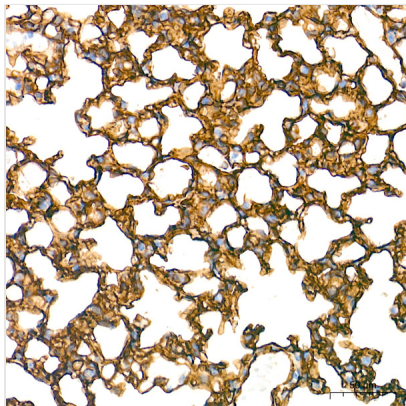
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-ICAM1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:1000-1:30000 IHC-P: 1:2000-1:10000 IF/ICC: 1:2000-1:4000 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of human/mouse ICAM-1/CD54.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



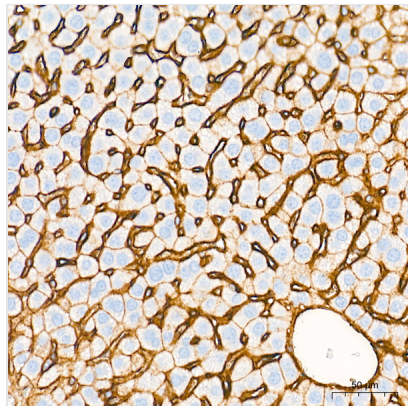
ICC (Immunocytochemistry)
Confocal imaging of paraffin-embedded Mouse spleen tissue using ICAM-1/CD54 Rabbit PolymAb® (AAA28578, dilution 1:4000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



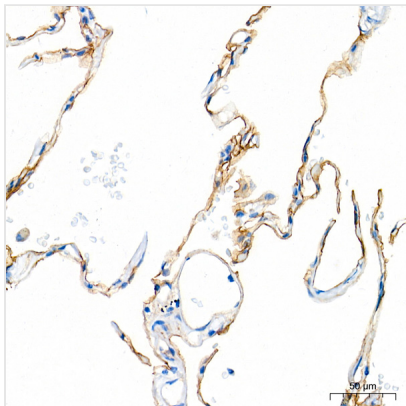
ICC (Immunocytochemistry)
Confocal imaging of Raji cells using ICAM-1/CD54 Rabbit PolymAb® (AAA28578, dilution 1:4000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



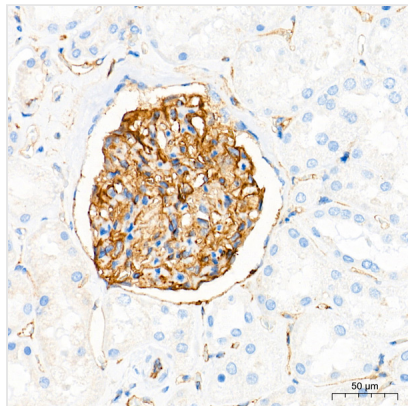
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat lung tissue using ICAM-1/CD54 Rabbit PolymAb® (AAA28578) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using ICAM-1/CD54 Rabbit PolymAb® (AAA28578) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using ICAM-1/CD54 Rabbit PolymAb® (AAA28578) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using ICAM-1/CD54 Rabbit PolymAb® (AAA28578) at a dilution of 1:4000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ICAM1 antibody	This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a/CD18, or CD11b/CD18 and is also exploited by Rhinovirus as a receptor.
Product Categories/Family for anti-ICAM1 antibody	Cell Biology Developmental Biology; Cell Adhesion; Immunology Inflammation; CDs; Neuroscience; Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease; Neurodegenerative Diseases Markers; Stem Cells; Hematopoietic Progenitors; Cardiovas

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466198
NCBI GeneID	3383/15894
NCBI Accession #	NP_000192.2
NCBI GenBank Nucleotide #	NM_000201.2
UniProt Accession #	P05362; P13597
Molecular Weight	Calculated MW: 58kDa/59kDa Observed MW: 82-100kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/icam-1-cd54-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28578>