

Mouse ICAM-1 Monoclonal Antibody | anti-ICAM-1 antibody

Anti-ICAM-1 In Vivo Antibody - Low Endotoxin (15.2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197030	Mouse	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry

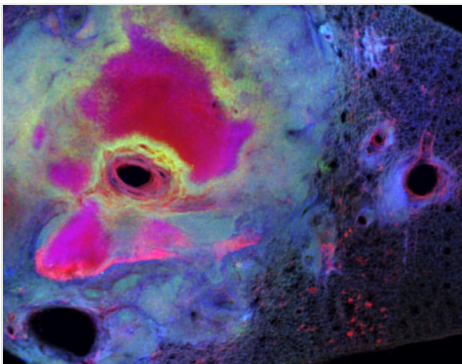
PRODUCT SYNONYMS

ICAM-1; Monoclonal Antibody; Anti-ICAM-1 In Vivo Antibody - Low Endotoxin (15.2); Intercellular adhesion molecule 1; ICAM1; Major group rhinovirus receptor; CD54; anti-ICAM-1 antibody

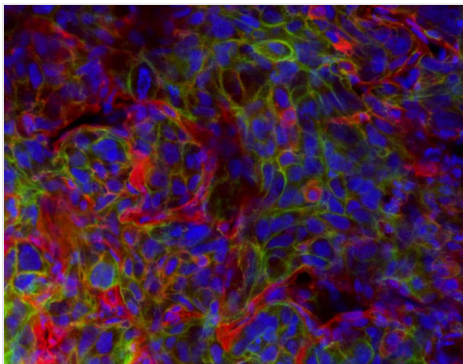
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	15.2
Specificity	Mouse anti-Human Inter-Cellular Adhesion Molecule 1 (ICAM-1) (Clone 15.2) recognizes an epitope on Human ICAM-1
Purity/Purification	>95% by SDS-PAGE and HPLC This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Form/Format	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.
Concentration	1.0-5.0mg/ml (varies by lot)
Applicable Applications for anti-ICAM-1 antibody	WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Endotoxin	<1.0 EU/mg as determined by the LAL method
Immunogen	Human infant thymocytes and Sezary cells
Aggregation	Aggregation level <= 5%
Antigen Distribution	The CD54 antigen is a membrane glycoprotein with a wide tissue distribution that includes vascular endothelium and many cells of the immune system. CD54 is weakly expressed on resting peripheral blood lymphocytes. Upon activation by mitogens, the CD54 antigen is strongly expressed on B-cells, T-cells, macrophages and granulocytes. CD54 is the receptor for rhinovirus es and malaria.
Preparation and Storage	This antibody is stable for at least one week when stored sterile at 2-8 degree C. For long term storage aseptically aliquot in working volumes without diluting and store at -80 degree C. Avoid Repeated Freeze Thaw Cycles.

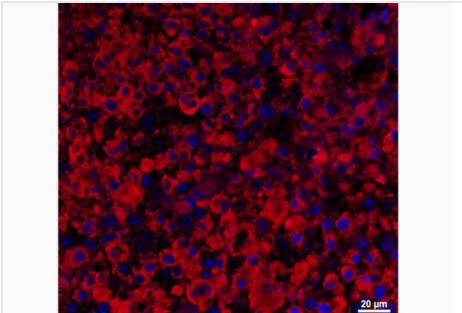
IMAGES



Application Data



Application Data



IF (Immunofluorescence)

ADDITIONAL INFORMATION

Related Product Information for anti-ICAM-1 antibody	Intercellular adhesion molecule-1 (ICAM-1) is one of an important cell adhesion molecules (CAMs) family transmembrane glycoprotein and is critical for the firm arrest and transmigration of leukocytes out of blood vessels and into tissues. ICAM-1 is constitutively present on endothelial cells, but its expression is increased by proinflammatory cytokines. ICAM-1 is a marker of endothelial dysfunction leading to damaging vascular disorders, in umbilical and placental vascular tissue of gestational pregnancies.
Product Categories/Family for anti-ICAM-1 antibody	Low Endotoxin

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466198
NCBI GeneID	3383
NCBI Accession #	NP_000192.2
NCBI GenBank Nucleotide #	NM_000201.2
UniProt Accession #	P05362; Q5NKV7; Q96B50; B2R6M3
Molecular Weight	57,825 Da
NCBI Official Full Name	intercellular adhesion molecule 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 1
NCBI Official Symbol	ICAM1
NCBI Official Synonym Symbols	BB2; CD54; P3.58
NCBI Protein Information	intercellular adhesion molecule 1; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor

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-antibody-clone-15-2-western-blot-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/197030>