

Mouse anti-Human CD50/ICAM3 Monoclonal Antibody | anti-ICAM3 antibody

CD50/ICAM3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215418	Mouse	Human	Immunohistochemistry

PRODUCT SYNONYMS

CD50/ICAM3; Monoclonal Antibody; ICAMR; Intercellular adhesion molecule 3 (ICAM3); anti-ICAM3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	rICAM3/1019
Specificity	Recognizes the D1 domain of an N-glycosylated glycoprotein of 120kDa with intra-chain disulfide bonds, identified as CD50 or ICAM-3 (Leucocyte Workshop VI). CD50 is the major ligand for LFA-1 (CD11a/CD18) and may have signaling role to increase adhesion. It is expressed on thymocytes and T lymphocytes and is resistant to treatment with phosphatidylinositol (PI) phospholipase C. This MAb is excellent for staining of formalin/paraffin tissues.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml or Purified Ab with BSA and Azide at 200ug/ml or Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	547
Applicable Applications for anti-ICAM3 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length Human ICAM3 protein
Cellular Localization	Cell Surface
Antibody Type	Recombinant Antibody
Hu-chromosome Location	19p13.2
Positive Control	HL-60 or THP-1 cells. Human Lymph node or Tonsil.
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified CD50 Recombinant Mouse Monoclonal Antibody (rICAM3/1019).
Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Tonsil stained with CD50 Recombinant Mouse Monoclonal Antibody (rICAM3/1019).

ADDITIONAL INFORMATION

References	Leukocyte Typing V (S.F. Schlossman, et al, eds.) Oxford University Press, Oxford (1995) p. 1546-1547, 1578-1579. C.L. Holness, et al, (1995) J Biol Chem 270: 877-884. Y. van Kooyk, et al, (1996) J Exp Med 183: 1247-1252. Leukocyte Typing VI (T. Kishimoto, et al, eds.) Garland Publishing, Inc., New York (1997) p. 403-409.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167466207
NCBI GeneID	3385
NCBI Accession #	NP_002153.2
NCBI GenBank Nucleotide #	NP_002153.2
UniProt Accession #	P32942
Molecular Weight	110-160kDa
NCBI Official Full Name	intercellular adhesion molecule 3 isoform 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 3
NCBI Official Symbol	ICAM3
NCBI Official Synonym Symbols	CD50; CDW50; ICAM-R
NCBI Protein Information	intercellular adhesion molecule 3
UniProt Protein Name	Intercellular adhesion molecule 3
UniProt Gene Name	ICAM3
UniProt Synonym Gene Names	ICAM-3
UniProt Entry Name	ICAM3_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/cd50-icam3-antibody-clone-ricam3-1019-immunohistochemistry-elisa/215418>