Intercellular Adhesion Molecule 4 (ICAM4) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Intercellular Adhesion Molecule 4 (ICAM4), Polyclonal Antibody
Full Product Name	Biotin-Linked Polyclonal Antibody to Intercellular Adhesion Molecule 4 (ICAM4)
Product Gene Name	anti-ICAM4 antibody
Product Synonym Names	CD242; LW; Landsteiner-Weiner Blood System; Landsteiner-Wiener blood group glycoprotein
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: ICAM4 (MBS2016660) Biotin Conjugated Antibody: ICAM4 (MBS2093475)
Matching Pairs	Biotin Conjugated Antibody: ICAM4 (MBS2093475) Immunogen: ICAM4 (MBS2018237)
Molecular Weight	29,649 Da
OMIM	L27671 mRNA
3D Structure	ModBase 3D Structure for Q14773
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Conjugation	Biotin
Cross Reactivity	Human
Immunogen	ICAM4 (Met52~Trp234)
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-ICAM4 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-ICAM4 antibody	MBS2093475 is an antibody targeting ICAM4. Also known as Biotin-Linked Polyclonal Antibody to Intercellular Adhesion Molecule 4 (ICAM4). Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-ICAM4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ICAM4. It may not necessarily be applicable to this product.

NCBI GI #	4504561
NCBI GeneID	3386
NCBI Accession #	NP_001535.1
UniProt Primary Accession #	Q14773

UniProt Secondary Accession #	Q14771; Q14772; Q16375; Q9BWR0; A0M8X2
UniProt Related Accession #	Q14773
GenBank Nucleotide #	NM_001544.4
NCBI Official Full Name	intercellular adhesion molecule 4 isoform 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)
NCBI Official Symbol	ICAM4
NCBI Official Synonym Symbols	LW; CD242
UniProt Protein Name	Intercellular adhesion molecule 4
UniProt Synonym Protein Names	Landsteiner-Wiener blood group glycoprotein; LW blood group protein; CD_antigen: CD242
Protein Family	Intercellular adhesion molecule
UniProt Gene Name	ICAM4
UniProt Synonym Gene Names	LW; ICAM-4; LW blood group protein
NCBI Protein Information	intercellular adhesion molecule 4
NCBI Summary for ICAM4	This gene encodes the Landsteiner-Wiener (LW) blood group antigen(s) that belongs to the immunoglobulin (Ig) superfamily, and that shares similarity with the intercellular adhesion molecule (ICAM) protein family. This ICAM protein contains 2 Ig-like C2-type domains and binds to the leukocyte adhesion LFA-1 protein. The molecular basis of the LW(A)/LW(B) blood group antigens is a single aa variation at position 100; Gln-100=LW(A) and Arg-100=LW(B). Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]
UniProt Comments for ICAM4	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM4 is also a ligand for alpha-4/beta-1 and alpha-V integrins.
Research Articles on ICAM4	**1.** the effect of modulation of the cAMP-PKA-dependent pathway on ICAM-4 receptor activation
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