# Intercellular Adhesion Molecule 4 (ICAM4) Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | Intercellular Adhesion Molecule 4 (ICAM4), Polyclonal Antibody |
| **Full Product Name** | APC-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** | >=100ug/ml (lot specific) |
| **Matching Pairs** | Unconjugated Antibody: ICAM4 (MBS2016660)<br>APC Conjugated Antibody: ICAM4 (MBS2056623) |
| **Matching Pairs** | APC Conjugated Antibody: ICAM4 (MBS2056623)<br>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. |
| **Immunogen** | ICAM4 (Met52~Trp234) |
| **Conjugation** | APC |
| **Cross Reactivity** | Human |
| **Unconjugated Antibody** | The unconjugated antibody version of this item is also available as catalog #MBS2016660 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory. |
| **Applications Tested/Suitable for anti-ICAM4 antibody** | Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA) |
| **Related Product Information for anti-ICAM4 antibody** | MBS2056623 is an antibody targeting ICAM4. Also known as APC-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.

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| **NCBI GI #** | 4504561 |
| **NCBI GeneID** | 3386 |
| **NCBI Accession #** | NP_001535.1 |

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| **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.** Cytometry analysis evidenced a specific expression profile on reticulocytes of SCA infants, with notably an increased expression of the adhesion molecules Lu/BCAM, ICAM-4 and LFA-3, both in percentage of positive cells and in surface density. |
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