10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ICAM2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11047c

Specification

ICAM2 Antibody (Center) Blocking peptide - Product Information

Primary Accession P13598

ICAM2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 3384

Other Names
Intercellular adhesion molecule 2, ICAM-2, CD102, ICAM2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ICAM2 Antibody (Center) Blocking peptide - Protein Information

Name ICAM2

Function
ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM2 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.

Cellular Location
Membrane; Single-pass type I membrane protein. Cell projection, microvillus {ECO:0000250|UniProtKB:P35330}. Note=Co-localizes with RDX, EZR and MSN in microvilli. {ECO:0000250|UniProtKB:P35330}

ICAM2 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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ICAM2 Antibody (Center) Blocking peptide - Images

ICAM2 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene is a member of theintercellular adhesion molecule (ICAM) family. All ICAM proteinsare type I transmembrane glycoproteins, contain 2-9immunoglobulin-like C2-type domains, and bind to the leukocyteadhesion LFA-1 protein. This protein may play a role in lymphocyterecirculation by blocking LFA-1-dependent cell adhesion. Itmediates adhesive interactions important for antigen-specificimmune response, NK-cell mediated clearance, lymphocyterecirculation, and other cellular interactions important for immuneresponse and surveillance. Several transcript variants encoding thesame protein have been found for this gene.

ICAM2 Antibody (Center) Blocking peptide - References

Han, S., et al. Hum. Immunol. 71(7):727-730(2010)Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)Sato, H., et al. Biochim. Biophys. Acta 1790(10):1198-1205(2009)Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 18(5):1651-1658(2009)