

**ICAM3 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13708c****Specification**

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**ICAM3 Antibody (Center) Blocking peptide - Product Information**Primary Accession [P32942](#)**ICAM3 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 3385**Other Names**

Intercellular adhesion molecule 3, ICAM-3, CDw50, ICAM-R, CD50, ICAM3

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13708c was selected from the Center region of ICAM3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**ICAM3 Antibody (Center) Blocking peptide - Protein Information****Name** ICAM3**Function**

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2) (PubMed:<a href="http://www.uniprot.org/citations/1448173" target="\_blank">1448173</a>). ICAM3 is also a ligand for integrin alpha-D/beta-2. In association with integrin alpha- L/beta-2, contributes to apoptotic neutrophil phagocytosis by macrophages (PubMed:<a href="http://www.uniprot.org/citations/23775590" target="\_blank">23775590</a>).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Leukocytes.

## **ICAM3 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **ICAM3 Antibody (Center) Blocking peptide - Images**

## **ICAM3 Antibody (Center) Blocking peptide - Background**

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule.

## **ICAM3 Antibody (Center) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Han, S., et al. Hum. Immunol. 71(7):727-730(2010) Mosbruger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010) Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010) Reuss, R., et al. Mult. Scler. 16(3):366-369(2010)