

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

ICAM3 Antibody (Center) Blocking peptide - Product InformationPrimary 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:1448173). 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:23775590).

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)