

CD93 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP1431c**Specification**

CD93 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9NPY3](#)**CD93 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 22918**Other Names**

Complement component C1q receptor, C1q/MBL/SPA receptor, C1qR, C1qR(p), C1qRp, CDw93, Complement component 1 q subcomponent receptor 1, Matrix-remodeling-associated protein 4, CD93, CD93, C1QR1, MXRA4

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1431c](/product/products/AP1431c) was selected from the C-term region of human CD93. 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.

CD93 Antibody (C-term) Blocking Peptide - Protein Information**Name** CD93**Synonyms** C1QR1, MXRA4**Function**

Receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). May mediate the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. May play a role in intercellular adhesion.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Highly expressed in endothelial cells, platelets, cells of myeloid origin, such as monocytes and neutrophils. Not expressed in cells of lymphoid origin

CD93 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CD93 Antibody (C-term) Blocking Peptide - Images**CD93 Antibody (C-term) Blocking Peptide - Background**

CD93 is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. This protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton.

CD93 Antibody (C-term) Blocking Peptide - References

Ikewaki,N.,Microbiol. Immunol. 51 (12), 1189-1200 (2007)Mehrlle,A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006)Zhang,M., Immunology 115 (1), 63-73 (2005)