

CLEC2D Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18951c**Specification**

CLEC2D Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9UHP7](#)**CLEC2D Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 29121**Other Names**

C-type lectin domain family 2 member D, Lectin-like NK cell receptor, Lectin-like transcript 1, LLT-1, Osteoclast inhibitory lectin, CLEC2D, CLAX, LLT1, OCIL

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.

CLEC2D Antibody (Center) Blocking Peptide - Protein Information**Name** CLEC2D**Synonyms** CLAX, LLT1, OCIL**Function**

Receptor for KLRB1 that protects target cells against natural killer cell-mediated lysis (PubMed:20843815, PubMed:16339513). Inhibits osteoclast formation (PubMed:14753741, PubMed:15123656). Inhibits bone resorption (PubMed:14753741). Modulates the release of interferon-gamma (PubMed:15104121). Binds high molecular weight sulfated glycosaminoglycans (PubMed:15123656).

Cellular Location

Cell membrane; Single-pass type II membrane protein [Isoform 4]: Endoplasmic reticulum

Tissue Location

Detected in peripheral blood leukocytes, osteoblasts, lymph node, thymus and spleen. Isoform 1, isoform 2 and isoform 4 are expressed in T- and B-lymphocytes, and at lower levels in NK cells. They are also expressed in B-cell lines and LPS-matured monocyte-derived dendritic cells.

CLEC2D Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CLEC2D Antibody (Center) Blocking Peptide - Images

CLEC2D Antibody (Center) Blocking Peptide - Background

This gene encodes a member of the natural killer cell receptor C-type lectin family. The encoded protein inhibits osteoclast formation and contains a transmembrane domain near the N-terminus as well as the C-type lectin-like extracellular domain. Several alternatively spliced transcript variants have been identified for this gene.

CLEC2D Antibody (Center) Blocking Peptide - References

Germain, C., et al. J. Biol. Chem. (2010) In press :Bambard, N.D., et al. Scand. J. Immunol. 71(3):210-219(2010)Skinningsrud, B., et al. J. Clin. Endocrinol. Metab. 93(9):3310-3317(2008)Rosen, D.B., et al. J. Immunol. 180(10):6508-6517(2008)Pineda, B., et al. Calcif. Tissue Int. 82(5):348-353(2008)