

OSCAR Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18846b**Specification**

OSCAR Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q8IYS5](#)

OSCAR Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 126014

Other Names

Osteoclast-associated immunoglobulin-like receptor, Osteoclast-associated receptor, hOSCAR, Polymeric immunoglobulin receptor 3, PlgR-3, PlgR3, Poly-Ig receptor 3, OSCAR

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.

OSCAR Antibody (C-term) Blocking Peptide - Protein Information

Name OSCAR

Function

Regulator of osteoclastogenesis which plays an important bone-specific function in osteoclast differentiation.

Cellular Location

[Isoform 1]: Secreted.

OSCAR Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

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

Osteoclasts are multinucleated cells that resorb bone and are essential for bone homeostasis. This gene encodes an osteoclast-associated receptor (OSCAR), which is a member of the leukocyte receptor complex (LRC) protein family that plays critical roles in the regulation of both innate and adaptive immune responses. Different from the other LRC members, OSCAR expression is detected specifically in preosteoclasts or mature osteoclasts. OSCAR may be an important bone-specific regulator of osteoclast differentiation. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

OSCAR Antibody (C-term) Blocking Peptide - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Herman, S., et al. Arthritis Rheum. 58(10):3041-3050(2008) Merck, E., et al. J. Immunol. 176(5):3149-3156(2006) Kim, K., et al. J. Biol. Chem. 280(42):35209-35216(2005)