

TMED1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17714c**Specification**

TMED1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q13445](#)**TMED1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 11018**Other Names**

Transmembrane emp24 domain-containing protein 1, Interleukin-1 receptor-like 1 ligand, Putative T1/ST2 receptor-binding protein, p24 family protein gamma-1, Tp24, p24gamma1, TMED1, IL1RL1L, IL1RL1LG

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.

TMED1 Antibody (Center) Blocking Peptide - Protein Information**Name** TMED1**Synonyms** IL1RL1L, IL1RL1LG**Function**

Potential role in vesicular protein trafficking, mainly in the early secretory pathway. May act as a cargo receptor at the luminal side for incorporation of secretory cargo molecules into transport vesicles and may be involved in vesicle coat formation at the cytoplasmic side. Plays a positive role in IL-33-mediated IL-8 and IL-6 production by interacting with interleukin-33 receptor IL1RL1 (PubMed: [23319592](http://www.uniprot.org/citations/23319592)). Also plays a role in the modulation of innate immune signaling through the cGAS-STING pathway by interacting with RNF26 (PubMed: [32614325](http://www.uniprot.org/citations/32614325)).

Cellular Location

Cell membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus, cis-Golgi network membrane; Single-pass type I membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Single-pass type I membrane protein

Tissue Location

Widely expressed..

TMED1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TMED1 Antibody (Center) Blocking Peptide - Images**TMED1 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene was identified by its interaction with interleukin 1 receptor-like 1 (IL1RL1). This protein lacks any similarity to other interleukin 1 ligands. The functional significance of its interaction with IL1RL1 is not known.

TMED1 Antibody (Center) Blocking Peptide - References

Tare, N., et al. Exp. Cell Res. 316(15):2527-2537(2010) Colland, F., et al. Genome Res. 14(7):1324-1332(2004) Grimwood, J., et al. Nature 428(6982):529-535(2004) Gayle, M.A., et al. J. Biol. Chem. 271(10):5784-5789(1996)