

TREML1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18683b**Specification**

TREML1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q86YW5](#)**TREML1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 340205**Other Names**

Trem-like transcript 1 protein, TLT-1, Triggering receptor expressed on myeloid cells-like protein 1, TREML1, TLT1

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.

TREML1 Antibody (C-term) Blocking Peptide - Protein Information**Name** TREML1**Synonyms** TLT1**Function**

Cell surface receptor that may play a role in the innate and adaptive immune response.

Cellular Location

Cell membrane; Single-pass type I membrane protein Cytoplasm. Note=Sequestered in cytoplasmic vesicles in resting platelets (PubMed:15100151) Transported to the cell surface after stimulation by thrombin (PubMed:15100151). Soluble fragments can be released into the serum by proteolysis (PubMed:16505478)

Tissue Location

Detected in platelets, monocytic leukemia and in T- cell leukemia.

TREML1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TREML1 Antibody (C-term) Blocking Peptide - Images

TREML1 Antibody (C-term) Blocking Peptide - Background

TREML1 is located in a gene cluster on chromosome 6 with the single Ig variable (IgV) domain activating receptors TREM1 (MIM605085) and TREM2 (MIM 605086), but it has distinct structural and functional properties. TREML1 enhances calcium signaling in an SHP2(PTPN11; MIM 176876)-dependent manner (Allcock et al., 2003 [PubMed12645956]; Barrow et al., 2004 [PubMed 15128762]).[supplied by OMIM].

TREML1 Antibody (C-term) Blocking Peptide - References

Morales, J., et al. Blood Coagul. Fibrinolysis 21(3):229-236(2010) Washington, A.V., et al. J. Clin. Invest. 119(6):1489-1501(2009) Ford, J.W., et al. Curr. Opin. Immunol. 21(1):38-46(2009) Nurden, A.T., et al. Thromb. Haemost. 100(1):45-51(2008) Giomarelli, B., et al. Thromb. Haemost. 97(6):955-963(2007)