

TNFSF14 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14595c**Specification**

TNFSF14 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O43557](#)**TNFSF14 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 8740**Other Names**

Tumor necrosis factor ligand superfamily member 14, Herpes virus entry mediator ligand, HVEM-L, Herpesvirus entry mediator ligand, CD258, Tumor necrosis factor ligand superfamily member 14, membrane form, Tumor necrosis factor ligand superfamily member 14, soluble form, TNFSF14, HVEML, LIGHT

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.

TNFSF14 Antibody (Center) Blocking Peptide - Protein Information**Name** TNFSF14**Synonyms** HVEML, LIGHT**Function**

Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Acts as a ligand for TNFRSF14/HVEM (PubMed: [9462508](http://www.uniprot.org/citations/9462508), PubMed: [10754304](http://www.uniprot.org/citations/10754304)). Upon binding to TNFRSF14/HVEM, delivers costimulatory signals to T cells, leading to T cell proliferation and IFNG production (PubMed: [10754304](http://www.uniprot.org/citations/10754304)).

Cellular Location

[Tumor necrosis factor ligand superfamily member 14, membrane form]: Cell membrane;
Single-pass type II membrane protein [Isoform 2]: Cytoplasm.

Tissue Location

Predominantly expressed in the spleen but also found in the brain. Weakly expressed in peripheral lymphoid tissues and in heart, placenta, liver, lung, appendix, and kidney, and no expression seen in fetal tissues, endocrine glands, or nonhematopoietic tumor lines.

TNFSF14 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TNFSF14 Antibody (Center) Blocking Peptide - Images

TNFSF14 Antibody (Center) Blocking Peptide - Background

The protein encoded by this gene is a member of the tumornecrosis factor (TNF) ligand family. This protein is a ligand forTNFRSF14, which is a member of the tumor necrosis factor receptorsuperfamily, and which is also known as a herpesvirus entrymediator (HVEM). This protein may function as a costimulatoryfactor for the activation of lymphoid cells and as a deterrent toinfection by herpesvirus. This protein has been shown to stimulatethe proliferation of T cells, and trigger apoptosis of varioustumor cells. This protein is also reported to prevent tumornecrosis factor alpha mediated apoptosis in primary hepatocyte. Twoalternatively spliced transcript variant encoding distinct isoformshave been reported.

TNFSF14 Antibody (Center) Blocking Peptide - References

Stiles, K.M., et al. J. Virol. 84(22):11646-11660(2010)Jin, H.R., et al. Biochem. Biophys. Res. Commun. 400(4):581-586(2010)Shimada, M., et al. Hum. Genet. 128(4):433-441(2010)Cheung, T.C., et al. J. Immunol. 185(3):1949-1958(2010)Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :