

**LTA Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8509c****Specification****LTA Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P01374](#)**LTA Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 4049**Other Names**Lymphotoxin-alpha, LT-alpha, TNF-beta,  
Tumor necrosis factor ligand superfamily  
member 1, LTA, TNFB, TNFSF1**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8509c](/products/AP8509c) was selected from the Center region of human LTA. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**LTA Antibody (Center) Blocking Peptide - Protein Information****Name** LTA**LTA Antibody (Center) Blocking Peptide - Background**

LTA, a member of the tumor necrosis factor family, is a cytokine produced by lymphocytes. The protein is highly inducible, secreted, and forms heterotrimers with lymphotoxin-beta which anchor lymphotoxin-alpha to the cell surface. This protein also mediates a large variety of inflammatory, immunostimulatory, and antiviral responses, is involved in the formation of secondary lymphoid organs during development and plays a role in apoptosis.

**LTA Antibody (Center) Blocking Peptide - References**

Buonaguro, L., et.al., J. Virol. 66 (12), 7159-7167 (1992) Fukushima, K., et.al., Arch. Biochem. Biophys. 304 (1), 144-153 (1993)

**Synonyms** TNFB, TNFSF1**Function**

Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR and TNFRSF14/HVEM (PubMed:<a href="http://www.uniprot.org/citations/9462508" target="\_blank">9462508</a>). In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and is cytotoxic for a wide range of tumor cells in vitro and in vivo.

**Cellular Location**

Secreted. Membrane. Note=The homotrimer is secreted. The heterotrimer is membrane-associated

**LTA Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)