

## LTA Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP8509c

## **Specification**

LTA Antibody (Center) Blocking Peptide - Product Information

Primary Accession <u>P01374</u>

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 <a href=/products/AP8509c>AP8509c</a> 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

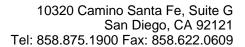
Name LTA

# 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/TNFBR 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