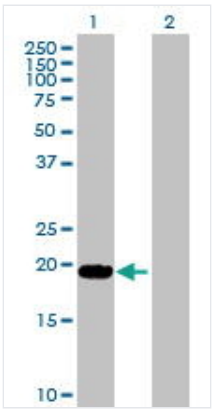
LTA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LTA, Polyclonal Antibody
Full Product Name	LTA (Lymphotoxin-alpha, LT-alpha, TNF-beta, Tumor Necrosis Factor Ligand Superfamily Member 1, TNFB, TNFSF1) (FITC)
Product Gene Name	anti-LTA antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human LTA.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing an
Molecular Weight	22,297 Da
Immunogen	Full length human LTA, aa1-205 (AAH34729.1).
Immunogen Sequence	MTPPERLFLPRVRGTTLHLLLLGLLLVLLPGAQGLPGVGLTPSAAQTARQHPKMHLAHSTLKPAAHLIGDPSKQNSLLWRANTDRAFLQDGFSLSNNSLLV
Conjugate	FITC
Note	Preservative Free
Product Categories/Family for anti-LTA antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-LTA antibody	Western Blot (WB)
Application Notes for anti-LTA antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-LTA antibody	TNF beta, a member of the tumor necrosis factor family, is a cytokine produced by lymphocytes. The protein is highly inducible, secreted, and forms he immunostimulatory, and antiviral responses, is involved in the formation of secondary lymphoid organs during development and plays a role in apoptos
Other Notes	Small volumes of anti-LTA antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessar additional dry ice fee may apply.

Searchable Terms for LTA purchase	MBS6384458 is an antibody targeting LTA. Also known as LTA (Lymphotoxin-alpha, LT-alpha, TNF-beta, Tumor Necrosis Factor Ligand Superfamily M



Western Blot (WB) of anti-LTA antibody
Western Blot analysis of LTA expression in transfected 293T cell line by LTA polyclonal antibody. Lane 1: LTA transfected lysate (22.3kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LTA. It may not necessarily be applicable to this product.

NCBI GI #	21961576
NCBI GeneID	4049
NCBI Accession #	BC034729
NCBI Related Accession #	AAH34729.1
UniProt Secondary Accession #	Q8N4C3; Q9UKS8
UniProt Related Accession #	P01374
NCBI Official Full Name	Homo sapiens lymphotoxin alpha (TNF superfamily, member 1), mRNA
NCBI Official Synonym Full Names	lymphotoxin alpha
NCBI Official Symbol	LTA
NCBI Official Synonym Symbols	LT; TNFB; TNFSF1; TNLG1E
Protein Family	Lymphotoxin
NCBI Protein Information	lymphotoxin-alpha
NCBI Summary for LTA	The encoded protein, 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. Genetic variations in this gene are associated with susceptibility to leprosy type 4, myocardial infarction, non-Hodgkin's lymphoma, and psoriatic arthritis. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]
Research Articles on LTA	**1.** TNFB+252G/A was associated with presence of immune thrombocytopenia.
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