

Mouse Lymphotoxin-alpha Monoclonal Antibody | anti-LTA antibody

Mouse Anti Human Lymphotoxin-alpha

CATALOG # AAA37965	HOST Mouse	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

Lymphotoxin-alpha; Monoclonal Antibody; Mouse Anti Human Lymphotoxin-alpha; LTA Antibody; Mouse Anti Human; LT-alpha; TNF-beta; Tumor necrosis factor ligand superfamily member 1; LTA; TNFB; TNFSF1; LT; anti-LTA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG _{2b} heavy chain and κ ligh chain.
Clone Number	PAT15A3AT
Purity/Purification	LTA antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Form/Format	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Sequence Length	205
Applicable Applications for anti-LTA antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Type	Mouse Anti Human Monoclonal
Physical Appearance	Sterile Filtered clear solution.
Immunogen	Anti-human LTA mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human LTA amino acids 35-205 purified from E Coli.
Preparation and Storage	Storage: For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles. 12 months at -20°C. 1 month at 4°C. Stability: 12 months at -20°C. 1 month at 4°C

ADDITIONAL INFORMATION

Related Product Information for anti-LTA antibody	Introduction: Lymphotoxin-alpha (LT-alpha or LTA) belongs to the TNF ligand superfamily, which bind the same TNF receptor and mediate similar pleiotropic effect. LTA is a proinflammatory cytokine with important biological activity and immunomodulatory function and is known to influence a variety of cellular response. Furthermore, LTA mediates a large variety of inflammatory, immunostimulatory, and antiviral responses, is involved in the formation of secondary lymphoid organs during development and has a role in apoptosis. LTA is highly inducible, secreted, and forms heterotrimers with lymphotoxin-beta which anchors lymphotoxin-alpha to the cell surface. LTA, which is located within the MHC III region of chromosome 6, shows close relation to the HLA class I (HLA-B) and class II (HLA-DR) genes. Polymorphism in the LTA gene appears to contribute to infectious disease susceptibility and infection. Genetic variations in the LTA gene are linked to susceptibility to leprosy type 4 and psoriatic arthritis.
Product Categories/Family for anti-LTA antibody	Anti-Human CYTOKINES ; Monoclonal Antibodies ; Anti Human Cytokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	74748444
NCBI Official Full Name	LTA protein (Lymphotoxin alpha) (TNF superfamily, member 1)
UniProt Protein Name	LTA protein
UniProt Gene Name	LTA
UniProt Entry Name	Q6FG55_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lymphotoxin-alpha-antibody-clone-pat15a3at-immunofluorescence-western-blot-elisa/37965>