

Recombinant Anti-LTA Antibody (V3S-0622-YC3645)

Cat. No.: V3S-0622-YC3645

Summary

Description	This product is a human monoclonal antibody that reacts with LTA. The antibody is expressed with mammalian cell transient expression system, serum-free and purified by affinity chromatography. The purity and integrity are tested via SDS-PAGE and SEC-HPLC analysis. Given a n antigen, additional QC measures are also desired such as affinity testing and binding validation. Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The <i>In vivo</i> version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 E U/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Human
Target Species	<i>Staphylococcus aureus</i>
Isotype	IgG
Isotype Control	C34555
Secondary Antibody	C32400; C75370; C10513; C51635; C45530

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and/or SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Protein A affinity purified
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within a week. For longer storage, aliquot and store at -20°C.

Applications

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Application	ELISA
Application Notes	The antibody is recommended for detection of LTA by ELISA assay.

Target

Target	LTA
Alternative Name	LT; TNFB; TNFSF1; TNLG1E
Gene ID	4049
UniProt	P01374
Introduction	LTA (Lymphotoxin Alpha) is a Protein Coding gene. Diseases associated with LTA include Psoriatic Arthritis and Leprosy 4. Among its related pathways are TRAF Pathway and Cytokine Signaling in Immune system. Gene Ontology (GO) annotations related to this gene include signaling receptor binding and tumor necrosis factor receptor binding. An important paralog of this gene is TNF.
Related pathway	TRAF Pathway; Cytokine Signaling in Immune system
Research Area	Immunology

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