

Recombinant Anti-LTA Antibody (V3S-1022-YC1962)

Cat. No.: V3S-1022-YC1962

Summary

Description	This product is a recombinant Mouse antibody provided by CreativeBiolabs. The antibody is specific for Lymphotoxin alpha. It can be used for Lymphotoxin alpha detection in Enzyme-Linked Immunosorbent Assay. It was expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultrapurified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human, Cynomolgus
Isotype	IgG
Isotype Control	C35500
Secondary Antibody	C37557; C41360; C32672; C10001

Property

Expression Species	HEK293F or CHO Cell line
Conjugation	Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form.
Purity	>95%, determined by SDS-PAGE and SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Purified with Protein A or G affinity chromatography
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

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

Application	ELISA
--------------------	-------

Target

Target	LTA
Alternative Name	LT; TNFB; TNFSF1; TNLG1E
Gene ID	4049
UniProt	P01374

Introduction	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.
---------------------	--

Research Area	Immunology
----------------------	------------

Related Disease	Chronic disease or disorder
------------------------	-----------------------------

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