Anti-LTA Neutralizing Antibody (V3S-0822-YC2067)

Cat. No.: V3S-0822-YC2067

Summary

Description	This product is a mouse monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing lymphotoxin alpha. It can be used for LTA detection in Enzyme-Linked Immunosorbent Assay (ELISA), Enzyme-linked Immunosorbent Spot (ELISpot), Neutralization Assay (Neut). The antibody is 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 ultra purified 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
Immunogen	E. coli expressed human LT-α.
Isotype	IgG1 kappa
Isotype Control	C60052
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C52760; C17603; C65740

Property

Conjugation	Unconjugated
Purity	>95%, determined by SDS-PAGE
Purification	Affinity purified
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

Application	ELISA; ELISpot; Neut

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Target

Target	LTA
Alternative Name	LTA; lymphotoxin alpha; LT; TNFB; TNFSF1; TNLG1E
Gene ID	4049
UniProt	P01374
Introduction	LTA 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.
Research Area	Immunology

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