

Datasheet for ABIN7072399

**Recombinant anti-LTA antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µg
Target:	LTA
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This LTA antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Neutralization (Neut), Surface Plasmon Resonance (SPR)

## Product Details

Immunogen:	3F12 was prepared by hyperimmunizing BALB/c mice with purified recombinant human LTalpha expressed in E. coli - the hybridoma clone was selected for its ability to bind LTalpha3 by ELISA. The CDRs of the antibody were grafted to the framework regions of the mice mAb 2G7 to create the chimeric version of the antibody.
Clone:	3F12-2D3
Isotype:	IgG kappa
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG2b
Purification:	Purified antibody.

## Target Details

Target:	LTA
Alternative Name:	Lymphotoxin alpha ( <a href="#">LTA Products</a> )
Target Type:	Chemical
Background:	LTa3 chimeric 3F12,LT, LTα, Tumor necrosis factor beta, Tumor necrosis factor β, Tumor necrosis factor-beta, tumor necrosis factor-β, TNF beta, TNF-beta, TNF β, TNF-β, Lymphotoxin-alpha, Lymphotoxin alpha
UniProt:	<a href="#">P01374</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

## Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



#### Western Blotting

**Image 1.** Western Blot using anti-Lymphotoxin alpha antibody 3F12.2D3. Lipopolysaccharide(LPS)-treated human peripheral blood monocyte (PBM) lysate (35 µg protein in RIPA buffer) was resolved on a 15 % SDS PAGE gel and blots probed with the rabbit IgG-chimeric version of 3F12.2D3 (ABIN7072399) at 2 µg/mL before detection using an anti-rabbit secondary antibody. Protein was detected by chemiluminescence. The expected unmodified running size for Lymphotoxin alpha is 22.3 kDa, though the form shown here is likely glycosylated. ABIN7072399 successfully detected Lymphotoxin alpha in LPS-treated human PBM samples.