



# Human Anti-Human Lymphotoxin alpha (Pateclizumab) Monoclonal Antibody, clone MLTA3698A [Biosimilar] (CABT-Z681H)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This is a reformatted human IgG1 antibody based on the therapeutic Fab fragment.
<b>Specificity</b>	This antibody is specific for lymphotoxin-alpha, and is able to bind both the soluble LTα3 homotrimeric form and the cell-surface LTα1β2 heterotrimer, which is transiently expressed on activated B and T cells (Th1, Th17).
<b>Immunogen</b>	Human LT-α.
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Human
<b>Clone</b>	MLTA3698A
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL, FC, Depletion
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	PBS with 0.02% Proclin 300.

<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Lymphotoxin-alpha (LT-alpha), also known as tumor necrosis factor-beta (TNF-beta), is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells. LT-alpha possesses a signal peptide sequence and is a secreted protein however, LT-alpha is also present on the surface of activated T, B and LAK cells as a complex with LTbeta. Bioactive LT-alpha exists as a homotrimer.
<b>Keywords</b>	LTA;lymphotoxin alpha;LT;TNFB;TNFSF1;TNLG1E

## GENE INFORMATION

<b>Gene Name</b>	LTA
<b>Entrez Gene ID</b>	<a href="#">4049</a>
<b>UniProt ID</b>	<a href="#">P01374</a>