



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

Product Overview This is a reformatted human IgG1 antibody based on the therapeutic Fab fragment.

Specificity	This antibody is specific for lymphotoxin-alpha, and is able to bind both the soluble LT α 3 homotrimeric form and the cell-surface LT α 1 β 2 heterotrimer, which is transiently expressed on activated B and T cells (Th1, Th17).
Immunogen	Human LT- α .
Isotype	IgG1, κ
Source/Host	Human
Species Reactivity	Human
Clone	MLTA3698A
Purification	Protein A purified
Conjugate	Unconjugated
Applications	BL, FC, Depletion
Format	Liquid
Concentration	Lot specific
Size	200 μ g
Buffer	PBS with 0.02% Proclin 300.

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

BACKGROUND

Introduction	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.
Keywords	LTA;lymphotoxin alpha;LT;TNFB;TNFSF1;TNLG1E

GENE INFORMATION

Gene Name	LTA
Entrez Gene ID	4049
UniProt ID	P01374
