LTA Recombinant Monoclonal Antibody

Product Code	CSB-RA013218A0HU
Abbreviation	Lymphotoxin-alpha
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P01374
Immunogen	A synthesized peptide derived from human LTA
Species Reactivity	Human
Tested Applications	ELISA
Relevance	Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFBR and TNFRSF14/HVEM. In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of tumor cells in vitro and in vivo.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Lymphotoxin-alpha, LT-alpha, TNF-beta, Tumor necrosis factor ligand superfamily member 1, LTA, TNFB, TNFSF1
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Gene Names	LTA
Clone No.	3G11

Description

The product CSB-RA013218A0HU is a recombinant LTA monoclonal antibody. It is generated by transfecting the human LTA gene-vector clones into the cell line for in vitro production and subsequent purification from the tissue culture supernatant (TCS). This LTA antibody can react with human LTA protein. It has undergone affinity-chromatography purification. And it has been validated in ELISA assay.

As a signaling molecule, LTA participates in the regulation of cell survival, proliferation, differentiation, and apoptosis. LTA also plays an important role in innate immune modulation and its presence has been shown to prevent tumor growth and destroy cancerous cell lines.