

Mouse Anti-LTA Monoclonal Antibody

Cat. No. DMABT-H19263 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Anti-LTA Monoclonal Antibody
Species	Human
Source	Mouse
Antigen Description	Tumor necrosis factor-beta (TNF-beta), also known as lymphotoxin-alpha (LT-alpha) is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells. TNF-beta possesses a signal peptide sequence and is a secreted protein; however, TNF-beta is also present on the surface of activated T, B and LAK cells as a complex with LT-beta. Bioactive TNF-beta exists as a homotrimer.
Target	LTA
Immunogen	E.coli expressed, recombinant human TNF-beta
Isotype	IgG1, kappa
species	Human
Clone	460-349-9
Conjugation	N/A
Applications	ELISA,ELISPOT,Neut

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Preparation	The LEAF (Low Endotoxin, Azide-Free) antibody was Purified by affinity chromatography.
Usage recommendation	Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 1-4 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of TNF-beta recombinant protein ranging from 1000 to 8 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.
Concentration	1.0 mg/ml
Storage	The antibody solution should be stored undiluted at 4 °C. This LEAF solution contains no preservative; handle under aseptic conditions.
Size	500 µg

GENE INFORMATION

Gene Name	LTA lymphotoxin alpha (TNF superfamily, member 1) [Homo sapiens]
Official Symbol	LTA
Synonyms	LTA; lymphotoxin alpha (TNF superfamily, member 1); TNFB; lymphotoxin-alpha; LT; TNFSF1; LT-alpha; TNF-beta; tumor necrosis factor beta; tumor necrosis factor ligand superfamily member 1;
Gene ID	4049
mRNA Refseq	NM_000595
Protein Refseq	NP_000586

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MIM	153440
UniProt ID	P01374
Chromosome Location	6p21.3
Pathway	Apoptosis, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;
Function	cytokine activity; receptor binding; tumor necrosis factor receptor binding;

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