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Product Information

Recombinant Anti-Human LTA Antibody Fab Fragment

Cat. No.: **MOM-18071-F(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment is bind to Human TNF beta, expressed in E. coli

Antigen Description

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.

Specific Activity

Tested positive against native antigen.

Target

TNF beta

Immunogen

The details of the immunogen for this antibody are not available.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Fab Fragment based on Humanized (from mouse) IgG1 - kappa

Expression Host

E. coli

Purity

Purity >95% by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

At -20°C for one year.

BACKGROUND

Keywords

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ANTIGEN GENE INFOMATION

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

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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