

Product Information

Recombinant Anti-Human cd70 Antibody Fab Fragment

Cat. No.: **MOM-18541-F(P)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment is specific to Human CD70, expressed in E. coli

Antigen Description

Cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells.

Specific Activity

Tested positive against native antigen.

Target

CD70

Immunogen

Waldenstroms macroglobulinemia cell line WM-1.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

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

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[CD70 CD70 molecule \[Homo sapiens \]](#)

Official Symbol

CD70

Synonyms

CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; CD27LG; TNFSF7;

Gene ID

[970](#)

mRNA Refseq

[NM_001252](#)

Protein Refseq

[NP_001243](#)

MIM

[602840](#)

UniProt ID

P32970

Chromosome Location

19p13

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

Function

cytokine activity; protease binding; protein binding; receptor binding; tumor necrosis factor receptor binding;