

Product Information

Recombinant Anti-Human il15 Antibody Fab Fragment

Cat. No.: **MOM-18387-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 IL15, expressed in E. coli

Antigen Description

Cytokine that stimulates the proliferation of T-lymphocytes. Stimulation by IL-15 requires interaction of IL-15 with components of IL-2R, including IL-2R beta and probably IL-2R gamma but not IL-2R alpha.

Specific Activity

Tested positive against native antigen.

Target

IL15

Immunogen

Recombinant full length protein (Human)

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

[IL15 interleukin 15 \[Homo sapiens \]](#)

Official Symbol

IL15

Synonyms

IL15; interleukin 15; interleukin-15; IL 15; MGC9721; IL-15

Gene ID

[3600](#)

mRNA Refseq

[NM_000585](#)

Protein Refseq

[NP_000576](#)

MIM

[600554](#)

UniProt ID

P40933

Chromosome Location

4q31

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytokines and Inflammatory Response, organism-specific 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; cytokine receptor binding; protein binding;