

Product Information

Recombinant Anti-Human il21 Antibody Fab Fragment

Cat. No.: **MOM-18393-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 IL21, expressed in E. coli

Antigen Description

Cytokine with immunoregulatory activity. May promote the transition between innate and adaptive immunity. Induces the production of IgG and IgG in B-cells (By similarity). May play a role in proliferation and maturation of natural killer (NK) cells in synergy with IL15. May regulate proliferation of mature B- and T-cells in response to activating stimuli. In synergy with IL15 and IL18 stimulates interferon gamma production in T-cells and NK cells. During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation.

Specific Activity

Tested positive against native antigen.

Target

IL21

Source

Mouse

Species Reactivity

Human

Type

Fab

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

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

[IL21 interleukin 21 \[Homo sapiens \]](#)

Official Symbol

IL21

Synonyms

IL21; interleukin 21; interleukin-21; IL 21; Za11; interleukin-21 isoform; IL-21

Gene ID

[59067](#)

mRNA Refseq

[NM_001207006](#)

Protein Refseq

[NP_001193935](#)

MIM

[605384](#)

UniProt ID

Q9HBE4

Chromosome Location

4q26-q27

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

Function

cytokine activity; cytokine receptor binding; interleukin-2 receptor binding;