

Product Information

Recombinant Anti-Human IFNG Antibody Fab Fragment

Cat. No.: **MOM-18041-F(E)**

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

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment is specific to Human IFNG, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.

Specific Activity

Tested positive against native antigen.

Target

IFNG

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Fab Fragment based on Humanized (from mouse) IgG1

Expression Host

CHO

Predicted N terminal

H chain: MEWSWIF; L Chain: METDTII

Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

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

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Keywords

ANTIGEN GENE INFORMATION

Gene Name

[IFNG interferon, gamma \[Homo sapiens \]](#)

Official Symbol

IFNG

Synonyms

IFNG; interferon, gamma; interferon gamma; IFN-gamma; immune interferon; IFG; IFI;

Gene ID

[3458](#)

mRNA Refseq

[NM_000619](#)

Protein Refseq

[NP_000610](#)

MIM

[147570](#)

UniProt ID

P01579

Chromosome Location

12q14

Pathway

ATF-2 transcription factor network, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem;

Function

cytokine activity; interferon-gamma receptor binding;