Mouse Anti-Human IFNG Monoclonal Antibody [C409]

CABT-ZC1179 Mouse(IFNG)
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview
Mouse Monoclonal Antibody to Human IFNG molecule

Antigen Description
Interferon-gamma (IFN-γ) is a dimerized soluble cytokine that is the only member of the type II class of interferons. This interferon was originally called macrophage-activating factor. In contrast to interferon-α and interferon-β which can be expressed by all cells, IFN-γ is secreted by Th1 cells, Tc cells, dendritic cells and NK cells. Also known as immune interferon, IFN-γ is the only Type II interferon. It is serologically distinct from Type I interferons and it is acid-labile, while the type I variants are acid-stable. IFN-γ has antiviral, immunoregulatory, and anti-tumour properties. It alters transcription in up to 30 genes producing a variety of physiological and cellular responses.

Target
IFNG

Immunogen
Purified recombinant protein of human IFNG produced in E. coli.

Host
Mouse

Isotype
IgG1

Species
Human

Clone
C409

Applications
ELISA, LMNX

PACKAGING

Concentration
0.5~1.0 mg/ml (Lot Dependent)

Buffer
Stored in PBS (pH 7.4) with 0.05% sodium azide, 10mg/ml BSA, 50% glycerol.

Storage
Shipped at 4 °C. Upon delivery store at -20 °C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

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; African trypanosomiasis; Allograft rejection; Antigen processing and presentation; Calcineurin-regulated NFAT-dependent transcription in lymphocytes; Chagas disease (American trypanosomiasis); Cytokine Signaling in Immune system;

Function
cytokine activity; interferon-gamma receptor binding

REFERENCES