

IFN-gamma Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3038
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human IFN- γ expressed in E. Coli.
Mol wt	19.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	IFG;IFI

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Interferon-G (IFN-G) is a pro-inflammatory cytokine that is central in host resistance to infection. It is mainly produced by natural killer cells and CD4+ and CD8+ T cells, its receptors are found on nearly all cells, where it activates diverse responses that enable potential host cells to prevent invasive infection by bacteria, parasites and viruses. Takayanagi et al. (2000) demonstrated that IFN-G strongly suppresses osteoclastogenesis by interfering with the RANKL (602642)-RANK (603499) signaling pathway. Tsubota et al. (1999) reported that this upregulation in Sjogren syndrome patients may be controlled by interferon-gamma through the activation of transcription factor NFkB

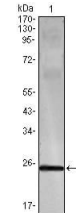
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using IFN gamma mouse mAb against truncated IFN-gamma recombinant protein.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.