

IFN-gamma Ab

Cat.#: BF0395	Concn.: 1mg/ml	Mol.Wt.: 19kDa
Size: 50ul,100ul,200ul	Source: Mouse	Clonality: Monoclonal

Application: ELISA 1/10000, WB 1/500 - 1/2000

Reactivity: Human

Purification: Affinity-chromatography.

Specificity: IFN-gamma Ab detects endogenous levels of total IFN-gamma.

Immunogen: Purified recombinant fragment of human IFN-gamma expressed in E. Coli.

Uniprot: P01579

Description: Interferon-gamma (IFN-gamma) 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-gamma 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

Subcellular Location: Secreted.

Tissue Specificity: Released primarily from activated T lymphocytes.

Similarity: Belongs to the type II (or gamma) interferon family.

Storage Condition and Buffer: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

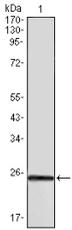


Figure 1: Western blot analysis using IFN gamma mouse mAb against truncated IFN-gamma recombinant protein.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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