



IFN-gamma Mouse Monoclonal Antibody

E10-20009

Background: Interferon- γ (IFN- γ) 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- γ 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 NF κ B

Catalog Number: E10-20009

Amount: 100 μ g/100 μ l

Clone Number: 3F1E3

Species: Mouse IgG1

Aliases: IFG; IFI

Entrez Gene: 3458

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

Storage: Store at 4°C, for long term storage, store at -20°C

Formulation: Purified antibody in PBS containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000, ELISA.Propose dilution 1/10000.

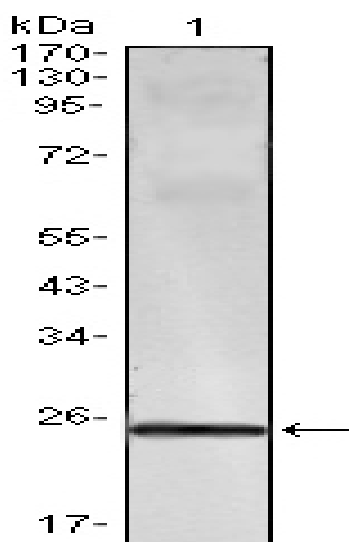


Figure 1. Western blot analysis using IFN gamma mouse mAb against truncated IFN-gamma recombinant protein. (4) cell lysate

For Research Use Only