

Mouse Monoclonal Antibody to IFN-gamma

Catalogue Number	sAP-0009
Target Molecule	Name: IFN-gamma Aliases: IFG; IFI MW: 19.3kDa Entrez Gene ID: 3458
Description	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 NFkB
Immunogen	Purified recombinant fragment of human IFN- γ expressed in E. Coli.
Reactive Species	Human;
Clone	MM3F1E3;
Size and Concentration	100 μ g/1mg/ml
Supplied as	Lyophilized Powder from 100 μ l of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100 μ l sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Takayanagi, H. et al. Nature 2000. 408: 600-605. ; 2. Tsubota, K. et al. Invest. Ophthal. Vis. Sci. 40: 28-34, 1999.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**