

IFNG

Mouse Anti-Human IFN-gamma Clone B-G1 Biotin Detection mAb

Catalog No.	CDM424	Quantity:	100 ug
Alternate Names:	IFG; IFI; IFN-g		
Description:	Mouse Anti-Human IFN-gamma Clone B-G1 Biotin Detection mAb Background: Interferon gamma a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases.		
Concentration:	0.1 mg / 1.0 ml		
Gene ID:	3458		
Specificity:	Recognizes both natural and recombinant IFN-gamma		
Host:	Mouse		
Immunogen:	Recombinant human IFN-gamma		
Isotype:	IgG1		
Clone:	B-G1		
Formulation:	Phosphate-buffered saline with 1% BSA and 0.09% Sodium Azide. Sodium azide is a poisonous and hazardous substance. Handle and dispose of properly.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Detection Antibody. This antibody can be used as a Detection Antibody in a human IFN-gamma sandwich immunoassay to detect human IFN-gamma in combination with human IFN-gamma Capture Antibody (Cat No CDM400). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA / ELISPOT: 0.05-0.5 µg/ml		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

