

## IFNG

### Mouse Anti-Human IFN-gamma Clone B-B1 Azide Free Capture mAb

<b>Catalog No.</b>	CDM400	<b>Quantity:</b>	1 mg
<b>Alternate Names:</b>	IFG; IFI; IFN-g		
<b>Description:</b>	<p>Mouse Anti-Human IFN-gamma Clone B-B1 Azide Free Capture mAb</p> <p>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.</p>		
<b>Concentration:</b>	1.0 mg / 1.0 ml		
<b>Gene ID:</b>	3458		
<b>Specificity:</b>	Recognizes both natural and recombinant IFN-gamma		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant human IFN-gamma		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	B-B1		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c spleen cells		
<b>Formulation:</b>	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and Preservative free		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	<p>ELISA Capture Antibody. This antibody can be used as a Capture Antibody in a human IFN-gamma sandwich immunoassay to detect human IFN-gamma in combination with biotinylated human IFN-gamma Detection Antibody (Cat No CDM424). The suggested coating concentration range below should be optimized by each laboratory for each application.</p>		
<b>Application Notes:</b>	<p>ELISA: 0.5-5 µg/ml</p> <p>ELISpot: 5-10 µg/ml</p>		
<b>Storage &amp; Stability:</b>	Store at 2-4°C for 12 months. For longer storage, freeze aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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



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