

Mouse Anti-IFNGR2 Monoclonal Antibody

Cat. No. DMABT-H19225 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Anti-IFNGR2 Monoclonal Antibody
Species	Human
Source	Mouse
Antigen Description	Interferon-gamma is a potent multifunctional cytokine which is secreted primarily by activated NK cells and T cells. Originally characterized based on anti-viral activities, IFN-gamma also exerts anti-proliferative, immunoregulatory, and proinflammatory activities. IFN-gamma can upregulate MHC class I and II antigen expression by antigen-presenting cells.
Target	IFNGR2
Isotype	IgG1, kappa
species	Human
Clone	5T.C4
Conjugation	N/A
Applications	ELISA,ELISPOT,Neut,IHC,WB
Preparation	The LEAF (Low Endotoxin, Azide-Free) antibody was Purified by affinity

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	chromatography.
Usage recommendation	Each lot of this antibody is quality control tested by ELISA assay. For ELISPOT capture applications, a concentration range of 0.5-2 µg/ml is recommended. For ELISA capture applications, a concentration range of 1-4 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IFN-gamma recombinant protein ranging from 1000 to 8 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.
Concentration	1.0 mg/ml
Storage	The antibody solution should be stored undiluted at 4 °C. This LEAF solution contains no preservative; handle under aseptic conditions.
Size	500 µg
GENE INFORMATION	
Gene Name	IFNGR2 interferon gamma receptor 2 (interferon gamma transducer 1) [Homo sapiens]
Official Symbol	IFNGR2
Synonyms	IFNGR2; interferon gamma receptor 2 (interferon gamma transducer 1); IFNGT1; interferon gamma receptor 2; AF 1; IFN-gamma-R2; IFN-gamma receptor 2; interferon gamma transducer 1; interferon gamma receptor beta chain; interferon gamma receptor accessory factor 1; interferon gamma receptor accessory factor-1; AF-1; IFGR2;
Gene ID	3460

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mRNA Refseq	NM_005534
Protein Refseq	NP_005525
MIM	147569
UniProt ID	P38484
Chromosome Location	21q22.1
Pathway	Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;
Function	interferon-gamma receptor activity; receptor activity;