

Rat Anti-Ifngr2 Monoclonal Antibody

Cat. No. DMABT-H18987 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Rat Anti-Ifngr2 Monoclonal Antibody
Species	Mouse
Source	Rat
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
Immunogen	Mouse IFN-gamma protein
Isotype	IgG1, kappa
species	Mouse
Conjugation	N/A
Applications	ELISA,ELISPOT,IP,Neut
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 ELISA capture applications, a concentration range of 0.25-2.0 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IFN-gamma recombinant protein ranging from 3.9 to 500 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

50 µg; 500 µg

GENE INFORMATION

Gene Name

[Ifngr2](#) interferon gamma receptor 2 [[Mus musculus](#)]

Official Symbol

[Ifngr2](#)

Synonyms

IFNGR2; interferon gamma receptor 2; Ifgt; Ifgr2;

Gene ID

[15980](#)

mRNA Refseq

[NM_008338](#)

Protein Refseq

[NP_032364](#)

Pathway

Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Cytokine-cytokine

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receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Influenza A, organism-specific biosystem;

Function

receptor activity;

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