

Mouse Anti-IFNGR2 Monoclonal Antibody

Cat. No. DMABT-H19224 **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
Immunogen	Partially purified, native human IFN-gamma
Isotype	IgG1, kappa
species	Human
Conjugation	Alexa Fluor 488
Applications	N/A
Preparation	The antibody was purified by affinity chromatography, and conjugated with Alexa

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Fluor 488 under optimal conditions. The solution is free of unconjugated Alexa Fluor 488.

Usage recommendation

Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is 5 µl per 10⁶ cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.* Alexa Fluor 488 has a maximum emission of 519 nm when it is excited at 488 nm.** Alexa Fluor is a registered trademark of Molecular Probes, Inc. Alexa Fluor dye antibody conjugates are sold under license from Molecular Probes, Inc. for research use only, except for use in combination with microarrays and high content screening, and are covered by pending and issued patents. View full statement regarding label licenses

Storage

The antibody solution should be stored undiluted at 4 °C and protected from prolonged exposure to light. Do not freeze.

Size

25 tests; 100 tests

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;

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Gene ID	3460
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;

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