

IFNA2 monoclonal antibody, clone N27

Catalog # MAB14816 Size 100 ug

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant human IFNA2.

Immunogen Recombinant protein corresponding to full length human IFNA2.

Host Mouse

Theoretical MW (kDa) 16-27

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG1, kappa

Recommend Usage
ELISA
Flow Cytometry (0.5-1 ug/10⁶ cells)
Immunofluorescence (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM PBS.

Storage Instruction
Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Gene Info — IFNA2

Entrez GeneID	3440
Protein Accession#	P01563
Gene Name	IFNA2
Gene Alias	IFNA, INFA2, MGC125764, MGC125765
Gene Description	interferon, alpha 2
Omim ID	147562
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000021143 alpha-2a interferon interferon alpha 2b interferon alpha A

Publication Reference

- [Interferon-alpha stimulates production of interleukin-10 in activated CD4+ T cells and monocytes.](#)

Aman MJ, Tretter T, Eisenbeis I, Bug G, Decker T, Aulitzky WE, Tilg H, Huber C, Peschel C.
Blood 1996 Jun; 87(11):4731.
- [Peptide-mapping of three neutralizing epitopes into predicted biologically active sites of human interferon-alpha 2.](#)

Kontsek P, Borecký L, Zav'yalov VP, Maiorov VA.
Immunology Letters 1993 Mar; 35(3):281.

Application: Neutralization, Recombinant protein
- [The interferon system. A bird's eye view of its biochemistry.](#)

Sen GC, Lengyel P.
The Journal of Biological Chemistry 1992 Mar; 267(8):5017.
- [Mapping of two immunodominant structures on human interferon alpha 2c and their role in binding to cells.](#)

Kontsek P, Borecky L, Kontsekova E, Macikova I, Kolcunova A, Novak M, Krchnak V.
Molecular Immunology 1991 Nov; 28(11):1289.

Application: ELISA, Recombinant protein

- [Production of interferon-alpha induced by dsRNA in human peripheral blood mononuclear cell cultures: role of priming by dsRNA-induced interferons-gamma and -beta.](#)

Lepe-Zuniga JL, Rotbein J, Gutterman JU.

Journal of Interferon Research 1989 Aug; 9(4):445.

- [Induction of interferon alpha from human lymphocytes by autologous, dengue virus-infected monocytes.](#)

Kurane I, Ennis FA.

The Journal of Experimental Medicine 1987 Oct; 166(4):999.

- [Interferons and their actions.](#)

Pestka S, Langer JA, Zoon KC, Samuel CE.

Annual Review of Biochemistry 1987 Jul; 56:727.

- [Two distinct families of human and bovine interferon-alpha genes are coordinately expressed and encode functional polypeptides.](#)

Capon DJ, Shepard HM, Goeddel DV.

Molecular and Cellular Biology 1985 Apr; 5(4):768.

Pathway

- [Antigen processing and presentation](#)
- [Autoimmune thyroid disease](#)
- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of autophagy](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)

- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Infant](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Respiratory Syncytial Virus Infections](#)