

Product datasheet

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ARG21428 anti-IFN gamma antibody [B27] (FITC)

Package: 100 tests Store at: 4°C

Summary

Product Description FITC-conjugated Mouse Monoclonal antibody [B27] recognizes IFN gamma

Tested Reactivity Hu, AGMK, Chimp, Macaq, R. Mk

Tested Application ELISA, ELISPOT, FACS, ICC/IF, IHC-Fr, Neut

Specificity Human/Rhesus/Cynomolgus/Chimpanzee/Pigtail Macaque/African Green Monkey/Sooty Mangabey IFN-

γ.

Host Mouse

Clonality Monoclonal

Clone B27

Isotype IgG1, kappa
Target Name IFN gamma
Species Human

Immunogen E. coli-expressed human IFN-γ

Conjugation FITC

Alternate Names IFN-gamma; Interferon gamma; Immune interferon; IFG; IFI

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	ELISPOT	Assay-dependent
	FACS	10 μl/10^6 cells
	ICC/IF	Assay-dependent
	IHC-Fr	Assay-dependent
	Neut	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links <u>GeneID: 3458 Human</u>

Swiss-port # P01579 Human

Gene Symbol IFNG

Gene Full Name interferon, gamma

Background This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded

protein is secreted by cells of the 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 inflections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Sep 2015]

Function Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having

antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor

effects of the type I interferons. [UniProt]

Highlight Related products:

IFN gamma antibodies; IFN gamma ELISA Kits; IFN gamma Duos / Panels; IFN gamma recombinant

proteins; Anti-Mouse IgG secondary antibodies;

Related news:

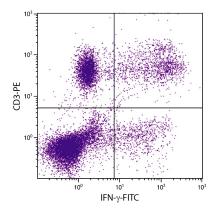
HMGB1 in inflammation Inflammatory Cytokines

Calculated Mw 19 kDa

PTM Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at

Gly-150, Met-157 or Gly-161.

Images



ARG21428 anti-IFN gamma antibody [B27] (FITC) FACS image

Flow Cytometry: PMA and Ionomycin-stimulated Human peripheral blood lymphocytes stained with ARG21428 anti-IFN gamma antibody [B27] (FITC) and anti-CD3 antibody [UCHT1] (PE).