

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 μ l/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

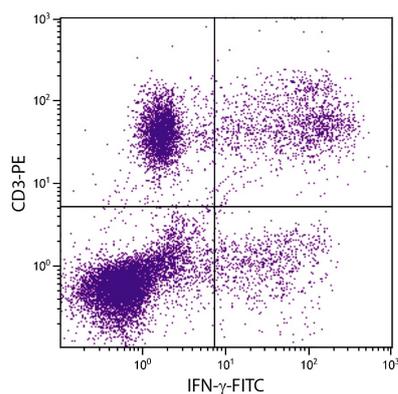
gently mixed before use.

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

Bioinformation

Database links	GeneID: 3458 Human 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 infections. 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).