

## ARG21429 anti-IFN gamma antibody [B27] (Biotin)

Package: 100 µg  
Store at: 4°C

### Summary

Product Description	Biotin-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	Biotin
Alternate Names	IFN-gamma; Interferon gamma; Immune interferon; IFG; IFI

### Application Instructions

Application table	Application	Dilution
	ELISA	1:2000 - 1:8000
	ELISPOT	Assay-dependent
	FACS	Assay-dependent
	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

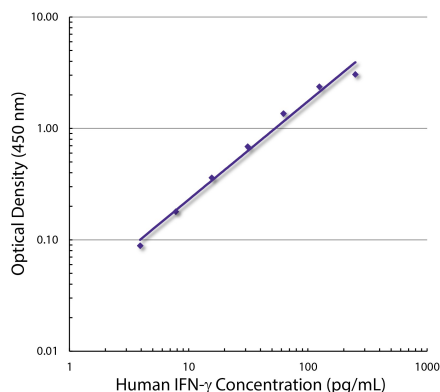
Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml

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	<a href="#">GeneID: 3458 Human</a> <a href="#">Swiss-port # P01579 Human</a>
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: <a href="#">IFN gamma antibodies</a> ; <a href="#">IFN gamma ELISA Kits</a> ; <a href="#">IFN gamma Duos / Panels</a> ; <a href="#">IFN gamma recombinant proteins</a> ; <a href="#">Anti-Mouse IgG secondary antibodies</a> ; Related news: <a href="#">HMGB1 in inflammation</a> <a href="#">Inflammatory Cytokines</a>
Calculated Mw	19 kDa
PTM	Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.

## Images



ARG21429 anti-IFN gamma antibody [B27] (Biotin) standard curve image

ELISA: Human IFN-gamma detected by [ARG22187](#) anti-IFN gamma antibody [A35] as capture antibody, and [ARG21429](#) anti-IFN gamma antibody [B27] (Biotin) as detection antibody, follow by incubation with streptavidin-HRP.