

## ARG21430 anti-IFN gamma antibody [B27] (PE)

Package: 50 tests

Store at: 4°C

### Summary

Product Description	PE-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- $\gamma$ .
Host	Mouse
Clonality	Monoclonal
Clone	B27
Isotype	IgG1, kappa
Target Name	IFN gamma
Species	Human
Immunogen	E. coli-expressed human IFN- $\gamma$
Conjugation	PE
Alternate Names	IFN-gamma; Interferon gamma; Immune interferon; IFG; IFI

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	ELISPOT	Assay-dependent
	FACS	10 $\mu$ l/10 <sup>6</sup> 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, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose

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

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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.