

Product datasheet

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ARG56459 anti-IFN gamma antibody

Package: 50 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes IFN gamma

Tested Reactivity Ms
Predict Reactivity Rat

Tested Application ELISA, Neut, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name IFN gamma
Species Mouse

Immunogen E. coli derived Recombinant Mouse IFN-gamma.

Conjugation Un-conjugated

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

Application Instructions

Application table	Application	Dilution
	ELISA	0.5 - 2.0 μg/ml
	Neut	0.05 - 0.10 ng/ml. (1.0 ng/ml to yield [ND50])
	WB	0.1 - 0.2 μg/ml
Application Note	Sandwich ELISA (Capture antibody - Detection antibody): ARG56459 - <u>ARG43398</u>	
	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer PBS (pH 7.2)

Concentration 1 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. 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

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-Rabbit 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

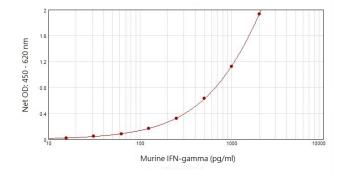
Gly-150, Met-157 or Gly-161.

Images



ARG56459 anti-IFN gamma antibody WB image

Western blot: 250 - 0.24 ng (left to right) of recombinant Mouse IFN gamma stained with ARG56459 anti-IFN gamma antibody under reducing condition.



ARG56459 anti-IFN gamma antibody ELISA image

ARG56459 anti-IFN gamma antibody results of a typical standard run with optical density reading at 450 - $620\ nm.$



ARG56459 anti-IFN gamma antibody WB image

Western blot: 250 - 0.24 ng (left to right) of recombinant Mouse IFN gamma stained with ARG56459 anti-IFN gamma antibody under non-reducing condition.