

**ARG56723**  
anti-IFN gamma antibody (Biotin)Package: 50 µg  
Store at: 4°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Biotin-conjugated Goat Polyclonal antibody recognizes IFN gamma  |
| Tested Reactivity   | Rat  |
| Tested Application  | ELISA, WB  |
| Host                | Goat   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | IFN gamma  |
| Species             | Rat  |
| Immunogen           | E.coli derived Recombinant Rat IFN-γ.<br>(MQGTLIESLE SLKNYFNSSS MDAMEGKSL LDIWRNWQKD GNTKILESQI ISFYLRLEFEV LKDNQAISNN<br>ISVIESHLIT NFFSNSKAKK DAFMSIAKFE VNNPQIQHKA VNELIRVIHQ LSPESSLRKR KRSRC) |
| Conjugation         | Biotin   |
| Alternate Names     | IFN-gamma; Interferon gamma; Immune interferon; IFG; IFI   |

### Application Instructions

| Application table | Application  | Dilution   |
|-------------------|--|--|
|                   | ELISA  | Direct: 0.25 - 1.0 µg/ml<br>Sandwich: 0.25 - 1.0 µg/ml with ARG56608 as a capture antibody |
|                   | WB   | 0.1 - 0.2 µg/ml  |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |  |

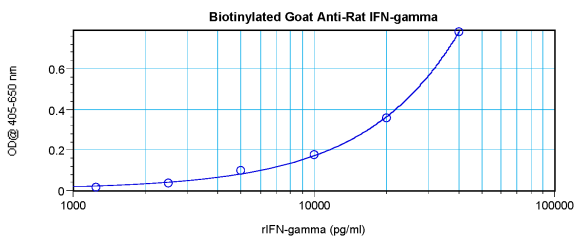
### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified by affinity chromatography.   |
| Buffer              | PBS (pH 7.2)   |
| Concentration       | 1 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

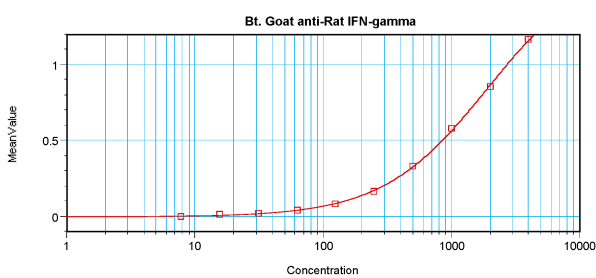
|                |  |
|----------------|--|
| Gene Symbol    | Ifng   |
| Gene Full Name | interferon gamma   |
| Background     | This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of the both the innate and adaptive immune 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:<br><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-Goat IgG secondary antibodies</a> ;<br>Related news:<br><a href="#">HMGB1 in inflammation</a><br><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



ARG56723 anti-IFN gamma antibody (Biotin) standard curve image

Direct ELISA: ARG56723 anti-IFN gamma antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density.



ARG56723 anti-IFN gamma antibody (Biotin) standard curve image

Sandwich ELISA: ARG56723 anti-IFN gamma antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG56608 anti-IFN-gamma antibody as a capture antibody. Results of a typical standard run with optical density.