

IFN gamma Rabbit pAb

Catalog No.: A12450

20 Publications

Basic Information

Observed MW

17kDa

Calculated MW

19kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

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 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.

Recommended Dilutions

WB 1:2000 - 1:10000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

3458

Swiss Prot

P01579

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-161 of IFN gamma (NP_997468.1).

Synonyms

IFG; IFI; IMD69; IFN gamma

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

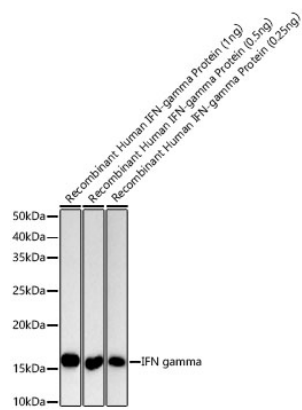
Affinity purification

Storage

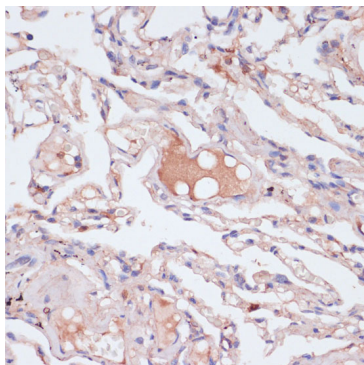
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of recombinant Human IFN-gamma Protein, using IFN gamma Rabbit pAb (A12450) at 1:9000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 1ng/0.5ng/0.25ng per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunohistochemistry analysis of IFN gamma in paraffin-embedded human lung using IFN gamma Rabbit pAb (A12450) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.