

# IFN Gamma Polyclonal antibody

Catalog Number: 15365-1-AP

Featured Product

87 Publications

## Basic Information

**Catalog Number:**

15365-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8321

**GenBank Accession Number:**

BC070256

**GeneID (NCBI):**

3458

**ENSEMBL Gene ID:**

ENSG00000111537

**UNIPROT ID:**

P01579

**Full Name:**

IFN gamma

**Calculated MW:**

166 aa, 19 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

IF, FC, IHC, ELISA

**Species Specificity:**

human

**Cited Species:**

human, rat, pig

**Positive Controls:**

WB : NK-92 cells, Recombinant protein

## Background Information

IFN gamma (IFNG) is a soluble cytokine that is the only member of the type II class of IFN. It is secreted by Th1 cells, cytotoxic T cells and NK cells. The cytokine is associated with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. It plays crucial roles in pathogen clearance. Aberrant IFNG expression is associated with a number of autoinflammatory and autoimmune diseases. It has been identified in many studies as a biomarker for pleural tuberculosis (TB). Mutations in this gene are associated with aplastic anemia.

## Notable Publications

Author	Pubmed ID	Journal	Application
Teresa W-M Fan	36150727	J Immunol	
Liu Zhen-Kun ZK	23028860	PLoS One	
Qiulu Li	30219677	Biomed Pharmacother	IHC

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

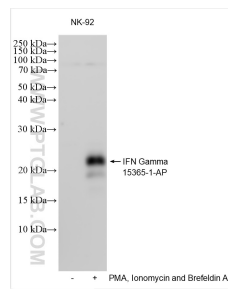
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



PMA, Ionomycin and Brefeldin A treated NK-92 cells were subjected to SDS PAGE followed by western blot with 15365-1-AP (IFN Gamma antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.