

For Research Use Only

# IFN Gamma Polyclonal antibody

Catalog Number: 15365-1-AP **49 Publications**



## Basic Information

<b>Catalog Number:</b> 15365-1-AP	<b>GenBank Accession Number:</b> BC070256	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3458	<b>Recommended Dilutions:</b> WB 1:2000-1:12000
<b>Source:</b> Rabbit	<b>Full Name:</b> IFN gamma	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 166 aa, 19 kDa	
<b>Immunogen Catalog Number:</b> AG8321		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Recombinant protein protein,
<b>Cited Applications:</b> FC, IF, IHC	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, pig, rat	

## 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
Liu Zhen-Kun ZK	23028860	PLoS One	WB
Qiulu Li	30219677	Biomed Pharmacother	IHC
Michael T Dill	22677194	Gastroenterology	IF

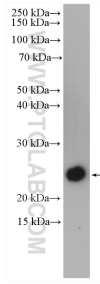
## Storage

**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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



Recombinant human IFN gamma protein (cat.NO. HZ-1301) were subjected to SDS PAGE followed by western blot with 15365-1-AP (IFN gamma antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.