

For Research Use Only

IFN Gamma Polyclonal antibody



Catalog Number: 15365-1-AP **34 Publications**

Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: Recombinant protein protein,
Cited Applications: IF, IHC	
Species Specificity: human	
Cited Species: human, 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

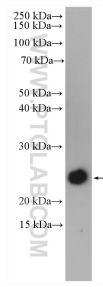
Storage

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.