

For Research Use Only

IFN-gamma Polyclonal antibody

Catalog Number: 15365-1-AP

Featured Product

130 Publications



Basic Information

Catalog Number: 15365-1-AP	GenBank Accession Number: BC070256	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 3458	Recommended Dilutions: WB: 1:1000-1:6000 IHC: 1:50-1:500
Source: Rabbit	ENSEMBL Gene ID: ENSG00000111537	
Isotype: IgG	UNIPROT ID: P01579	
Immunogen Catalog Number: AG8321	Full Name: IFN gamma	
	Calculated MW: 166 aa, 19 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : NK-92 cells, Recombinant protein IHC : human tonsillitis tissue,
Cited Applications: WB, IHC, IF, ELISA	
Species Specificity: human	
Cited Species: human, rat, pig	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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
Ye Tian	36212957	Evid Based Complement Alternat Med	WB
Teresa W-M Fan	36150727	J Immunol	
Liu Zhen-Kun ZK	23028860	PLoS One	WB

Storage

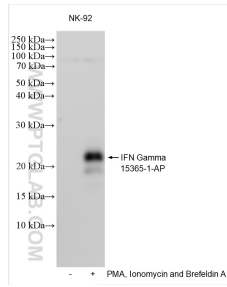
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

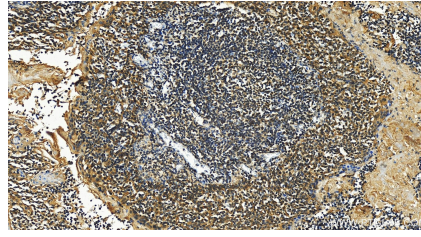
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15365-1-AP (IFN Gamma antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).