

For Research Use Only

IFN-gamma Polyclonal antibody

Catalog Number: 15365-1-AP

Featured Product

120 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	

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

Storage

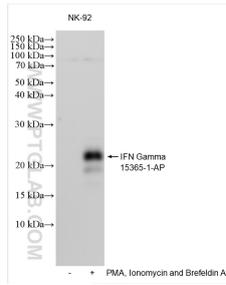
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

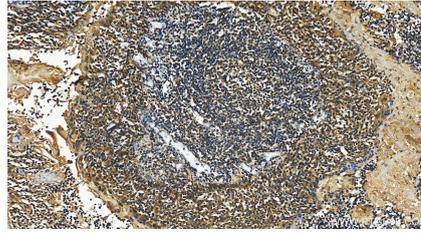
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).