

IFN gamma Polyclonal antibody

Catalog Number: 28722-1-AP

Basic Information

Catalog Number: 28722-1-AP	GenBank Accession Number: BC070256	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 3458	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	ENSEMBL Gene ID: ENSG00000111537	
Isotype: IgG	UNIPROT ID: P01579	
Immunogen Catalog Number: AG30371	Full Name: IFN gamma	
	Calculated MW: 166 aa, 19 kDa	
	Observed MW: 20-25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PMA, Ionomycin and Brefeldin A treated NK-92 cells,
Species Specificity: Human	

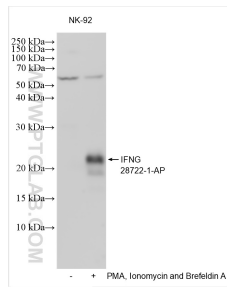
Background Information

Interferon gamma (IFNG) is a soluble cytokine that is the only member of the type II class of interferons. 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.

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

Selected Validation Data



Non-treated, PMA, Ionomycin and Brefeldin A treated NK-92 cells were subjected to SDS PAGE followed by western blot with 28722-1-AP (IFNG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.