

For Research Use Only

IFNG Monoclonal antibody

Catalog Number: 60101-1-Ig



Basic Information

Catalog Number: 60101-1-Ig	GenBank Accession Number: BC070256	Purification Method: Caprylic acid/ammonium sulfate precipitation
Size: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3458	CloneNo.: 1C10C6
Source: Mouse	Full Name: IFN gamma	Recommended Dilutions: WB 1:500-1:1000
Isotype: IgG2a	Calculated MW: 166 aa, 19 kDa	
Immunogen Catalog Number: AG8320	Observed MW: 25 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U-937 cells,
Species Specificity: human	

Background Information

IFNG is a soluble cytokine that is the only member of the type II class of IFNs. 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

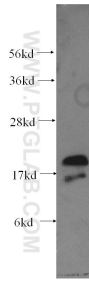
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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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Selected Validation Data



U-937 cells were subjected to SDS PAGE followed by western blot with 60101-1-Ig (IFNG antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.