

For Research Use Only

IFNGR1 Polyclonal antibody

Catalog Number: 31951-1-AP



Basic Information

Catalog Number:

31951-1-AP

Size:

150ul , Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_010511.3

GeneID (NCBI):

15979

UNIPROT ID:

P15261

Full Name:

interferon gamma receptor 1

Calculated MW:

52kDa

Observed MW:

90 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

mouse

Positive Controls:

WB : EL-4 cells,

IP : EL-4 cells,

Background Information

Interferon-gamma (IFN- γ) is a cytokine critical for innate and adaptive immunity against viral and intracellular bacterial infections and for tumor control. Cellular responses to IFN- γ are activated through its interaction with a heterodimeric receptor consisting of two subunits, IFNGR1 (CD119) and IFNGR2. IFNGR1 is the ligand-binding subunit which binds IFN- γ with high affinity, whereas IFNGR2 serves as the accessory subunit. Two subunits bind one IFN- γ dimer. Defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. (PMID: 17981204; 946248; 10888113)

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

*** 20ul sizes contain 0.1% BSA

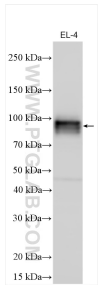
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

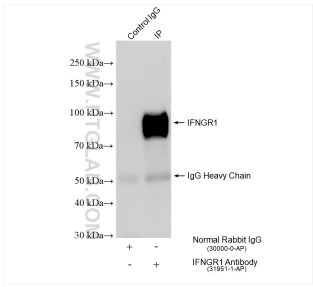
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



EL-4 cells were subjected to SDS PAGE followed by western blot with 31951-1-AP (IFN-gamma R1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-IFNGR1 (IP:31951-1-AP, 4ug; Detection:31951-1-AP 1:600) with EL-4 cells lysate 2080 ug.