

For Research Use Only

# IFNGR1/CD119 Recombinant antibody

Catalog Number: 85344-1-RR



## Basic Information

Catalog Number:

85344-1-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2999

GenBank Accession Number:

NM\_000416.3

GeneID (NCBI):

3459

UNIPROT ID:

P15260-1

Full Name:

interferon gamma receptor 1

Calculated MW:

54 kDa

Observed MW:

70-90 kDa

Purification Method:

Protein A purification

CloneNo.:

242632C2

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, A549 cells

## Background Information

Interferon-gamma (IFN- $\gamma$ ) is a cytokine critical for innate and adaptive immunity against viral and intracellular bacterial infections and for tumor control. Cellular responses to IFN- $\gamma$  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- $\gamma$  with high affinity, whereas IFNGR2 serves as the accessory subunit. Two subunits bind one IFN- $\gamma$  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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

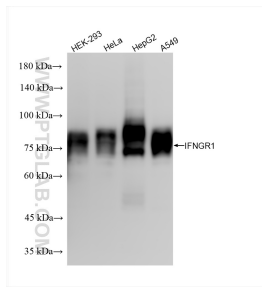
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85344-1-RR (IFNGR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.