

IFNGR1/CD119 Monoclonal antibody

Catalog Number: 66704-1-Ig

Basic Information

Catalog Number:

66704-1-Ig

Concentration:

1500 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG27085

GenBank Accession Number:

BC005333

GeneID (NCBI):

3459

UNIPROT ID:

P15260

Full Name:

interferon gamma receptor 1

Calculated MW:

54 kDa

Observed MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

1H3A4

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HEK-293 cells, T-47D cells, Jurkat 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:

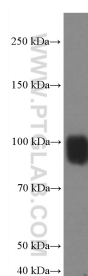
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 66704-1-Ig (IFNGR1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.