

For Research Use Only

IFNGR1 Monoclonal antibody

Catalog Number: 66704-1-Ig



Basic Information

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|---|--|---|
| Catalog Number: 66704-1-Ig | GenBank Accession Number: BC005333 | Purification Method: Protein A purification |
| Size: 1500 µg/ml | GeneID (NCBI): 3459 | CloneNo.: 1H3A4 |
| Source: Mouse | UNIPROT ID: P15260 | Recommended Dilutions: WB 1:5000-1:50000 |
| Isotype: IgG2a | Full Name: interferon gamma receptor 1 | |
| Immunogen Catalog Number: AG27085 | Calculated MW: 54 kDa | |
| | Observed MW: 90 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : HeLa cells, HEK-293 cells, T-47D cells, Jurkat cells |
| Species Specificity: Human | |

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

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

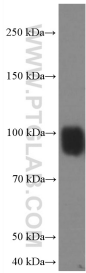
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.