

For Research Use Only

IFNGR1 Monoclonal antibody, PBS Only



Catalog Number: 66704-1-PBS

Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

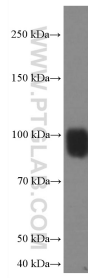
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 66704-1-PBS in a different storage buffer formulation.