

For Research Use Only

Anti-Mouse IFNGR1/CD119 Rabbit Recombinant Antibody

Catalog Number: 98201-1-RR



Basic Information

Catalog Number: 98201-1-RR	GenBank Accession Number: NM_010511.3	Purification Method: Protein A purification
Size: 100ug , 1000 µg/ml	GeneID (NCBI): 15979	CloneNo.: 241832H4
Source: Rabbit	UNIPROT ID: P15261	
Isotype: IgG	Full Name: interferon gamma receptor 1	
	Calculated MW: 52kDa	

Applications

Tested Applications:
FC

Species Specificity:
mouse

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

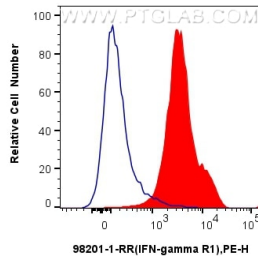
For technical support and original validation data for this product please contact:

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

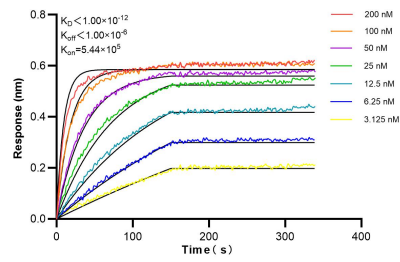
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1×10^6 mouse splenocytes were surface stained with 0.25 μg Anti-Mouse CD119 / IFN-gamma R1 Rabbit Recombinant Antibody (98201-1-RR, Clone: 241832H4) (red) or 0.25 μg Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98201-1-RR against Mouse CD119 / IFN-gamma R1 were performed. The affinity constant is below 1 pM.