

For Research Use Only

FITC Plus Anti-Human IFNGR1/CD119 Rabbit Recombinant Antibody

Catalog Number: FITC-98343



Basic Information

Catalog Number:

FITC-98343

Size:

100 tests, 5 ul/test

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

Purification Method:

Protein A purification

CloneNo.:

242632A8

Recommended Dilutions:

FC: 5 ul per 10^6 cells in a 100 μ l suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

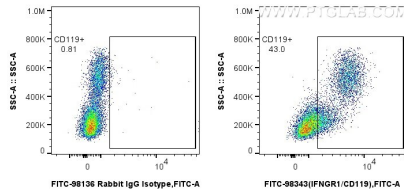
For technical support and original validation data for this product please contact:

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

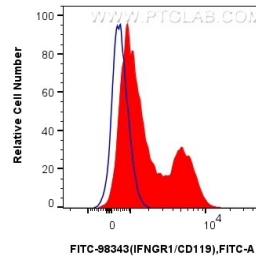
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul FITC Plus Anti-Human IFNGR1/CD119 Rabbit RecAb (FITC-98343, Clone: 242632A8) or FITC Plus Rabbit IgG Isotype Control Recombinant Antibody (FITC-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul FITC Plus Anti-Human IFNGR1/CD119 Rabbit RecAb (FITC-98343, Clone: 242632A8) (red) or FITC Plus Rabbit IgG Isotype Control Recombinant Antibody (FITC-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.