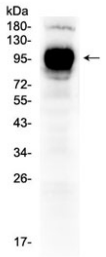
CD119 Antibody / IFNGR1 (R32687)

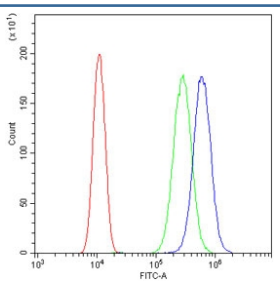
Catalog No.	Formulation	Size
R32687	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P15260
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This CD119 antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with CD119 antibody at 0.5ug/ml. Predicted molecular weight: ~54 kDa (unmodified), 80-100 kDa (glycosylated).



Flow cytometry testing of human SiHa cells with CD119 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CD119 antibody.

Description

Interferon gamma receptor 1 (IFNGR1), also known as CD119 (Cluster of Differentiation 119), is a protein that in humans is encoded by the IFNGR1 gene. This gene encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection.

Application Notes

Optimal dilution of the CD119 antibody should be determined by the researcher.

Immunogen

Amino acids 108-147 (QKESAYAKSEEFAVCRDGKIGPPKLDIRKEEKQIMIDIFH) from the human protein were used as the immunogen for the CD119 antibody.

Storage

After reconstitution, the CD119 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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