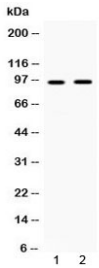
IFNGR1 Antibody / CD119 (R32686)

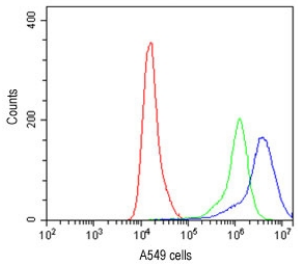
Catalog No.	Formulation	Size
R32686	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
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/10^6 cells
Limitations	This IFNGR1 antibody is available for research use only.



Western blot testing of human 1) HepG2 and 2) SKOV3 cell lysate with IFNGR1 antibody at 0.5ug/ml. Predicted molecular weight: ~54 kDa (unmodified), 80-100 kDa (glycosylated).



Flow cytometry testing of human A549 cells with IFNGR1 antibody at 1ug/10^6 cells (cells blocked with goat sera); Red=cells alone, Green=isotype control, Blue=IFNGR1 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 IFNGR1 antibody should be determined by the researcher.

Immunogen

Amino acids 443-484 (QELITVIKAPTSFGYDKPHVLVDLLVDDSGKESLIGYRPTED) from the human protein were used as the immunogen for the IFNGR1 antibody.

Storage

After reconstitution, the IFNGR1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.