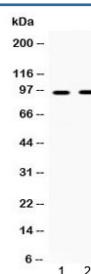


## IFNGR1 Antibody / CD119 (R32686)

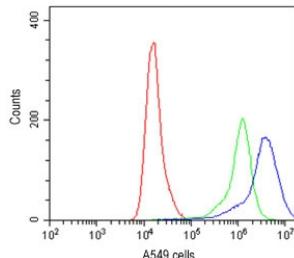
Catalog No.	Formulation	Size
R32686	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	P15260
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/10 <sup>6</sup> cells
<b>Limitations</b>	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<sup>6</sup> 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.