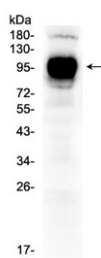


## CD119 Antibody / IFNGR1 (R32687)

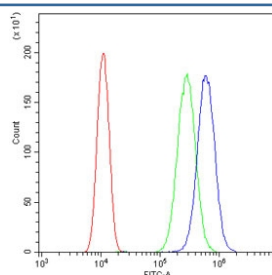
| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R32687      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |   |
|---------------------------|---|
| <b>Availability</b>       | 1-3 business days   |
| <b>Species Reactivity</b> | Human   |
| <b>Format</b>             | Antigen affinity purified   |
| <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<br>Flow Cytometry : 1-3ug/million cells |
| <b>Limitations</b>        | 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 (QKESAYAKSEEFVCRDGKIGPPKLDIRKEEKQIMIDIFH) 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.