

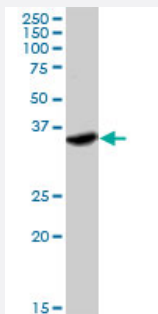
MaxPab®

## IFNGR2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003460-D01

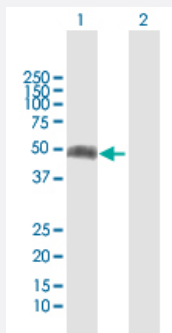
Size 100 uL

### Applications



#### Western Blot (Cell lysate)

IFNGR2 MaxPab rabbit polyclonal antibody. Western Blot analysis of IFNGR2 expression in HeLa.

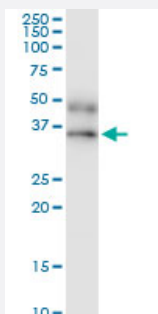


#### Western Blot (Transfected lysate)

Western Blot analysis of IFNGR2 expression in transfected 293T cell line ([H00003460-T02](#)) by IFNGR2 MaxPab polyclonal antibody.

Lane 1: IFNGR2 transfected lysate(37.8 KDa).

Lane 2: Non-transfected lysate.



#### Immunoprecipitation

Immunoprecipitation of IFNGR2 transfected lysate using anti-IFNGR2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with IFNGR2 MaxPab mouse polyclonal antibody (B01) ([H00003460-B01](#)).

### Specification

#### Product Description

Rabbit polyclonal antibody raised against a full-length human IFNGR2 protein.

|                         |                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen               | IFNGR2 (NP_005525.2, 1 a.a. ~ 337 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                |
| Sequence                | MRPTLLWSLLLLLVFAAAAAAPPDPLSQLPAPQHPKIRLYNAEQVLSWEPVALSNSTRPVVYQV<br>QFKYTDKSWFTADIMSIGVNCTQITATECDFTAASPSAGFPMDFNVTLRLRAELGALHSAWVTMP<br>WFQHYRNVTVGPPENIEVTPGEGSLIRFSSPFDIADTSTAFFCYVHYWEKGGIQQVKGPFRSNSI<br>SLDNLKPSRVYCLQVQAQLLWNKSNIFRVGHLSNISCYETMADASTELQQVILISVGTFSLLSVLAG<br>ACFFLVLYRGLIKYWFHTPPSIPLQIEEYLDPTQPILEALDKDSSPKDDVWDSVSIISFPEKEQED<br>VLQTL |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                            |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                          |
| Storage Buffer          | No additive                                                                                                                                                                                                                                                                                                                                                      |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                         |

## Applications

- Western Blot (Cell lysate)

IFNGR2 MaxPab rabbit polyclonal antibody. Western Blot analysis of IFNGR2 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of IFNGR2 expression in transfected 293T cell line ([H00003460-T02](#)) by IFNGR2 MaxPab polyclonal antibody.

Lane 1: IFNGR2 transfected lysate(37.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of IFNGR2 transfected lysate using anti-IFNGR2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with IFNGR2 MaxPab mouse polyclonal antibody (B01) ([H00003460-B01](#)).

[Protocol Download](#)

## Gene Info — IFNGR2

Entrez GeneID [3460](#)

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GeneBank Accession# | <a href="#">NM_005534</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Accession#  | <a href="#">NP_005525.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Name           | IFNGR2                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Alias          | AF-1, IFGR2, IFNGT1                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | interferon gamma receptor 2 (interferon gamma transducer 1)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Omim ID             | <a href="#">147569 209950</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Summary        | <p>This gene (IFNGR2) encodes the non-ligand-binding beta chain of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. MSMD is a genetically heterogeneous disease with autosomal recessive, autosomal dominant or X-linked inheritance. [provided by RefSeq]</p> |
| Other Designations  | interferon gamma receptor 2 interferon gamma receptor accessory factor-1 interferon gamma receptor beta chain                                                                                                                                                                                                                                                                                                                                                                        |

## Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)

## Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Calcinosis](#)

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Multiple Sclerosis](#)
- [Neovascularization](#)

- [Obstetric Labor](#)
- [Papillomavirus Infections](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Seminoma](#)
- [Stomach Neoplasms](#)
- [Subacute Sclerosing Panencephalitis](#)
- [Testicular Neoplasms](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)