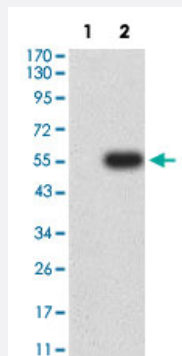


# IFNGR1 monoclonal antibody, clone 3E1A9

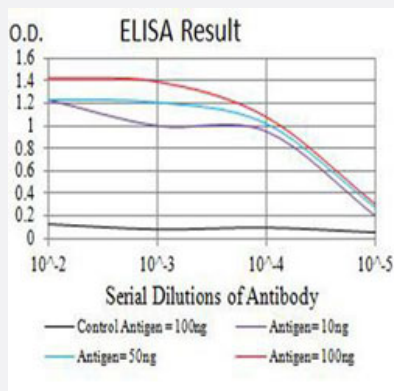
Catalog # MAB17984      Size 100 ug

## Applications



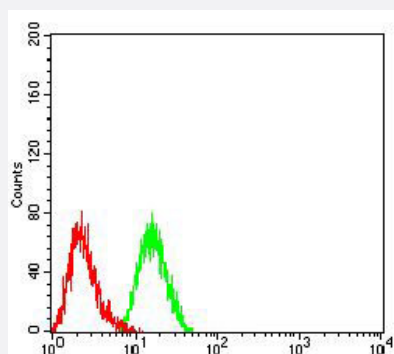
### Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: IFNGR1-hlgGf transfected HEK293 cell lysates with IFNGR1 monoclonal antibody, clone 3E1A9 (Cat # MAB17984).



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IFNGR1 monoclonal antibody, clone 3E1A9 (Cat # MAB17984).



### Flow Cytometry

Flow cytometric analysis of K562 cells with IFNGR1 monoclonal antibody, clone 3E1A9 (Cat # MAB17984) (Green). Red: Negative Control.

## Specification

|                      |                                                                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description  | Mouse monoclonal antibody raised against partial recombinant human IFNGR1.                                                                          |
| Immunogen            | Recombinant protein corresponding to amino acids 18-245 of human IFNGR1.                                                                            |
| Host                 | Mouse                                                                                                                                               |
| Theoretical MW (kDa) | 54.4                                                                                                                                                |
| Reactivity           | Human                                                                                                                                               |
| Form                 | Liquid                                                                                                                                              |
| Isotype              | IgG1                                                                                                                                                |
| Recommend Usage      | ELISA (1:10000)<br>Flow Cytometry (1:200-1:400)<br>Western Blot (1:100-1:500)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer       | In PBS (0.05% sodium azide).                                                                                                                        |
| Storage Instruction  | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                              |
| Note                 | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                              |

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: IFNGR1-hlgGFc transfected HEK293 cell lysates with IFNGR1 monoclonal antibody, clone 3E1A9 (Cat # MAB17984).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IFNGR1 monoclonal antibody, clone 3E1A9 (Cat # MAB17984).

- Flow Cytometry

Flow cytometric analysis of K562 cells with IFNGR1 monoclonal antibody, clone 3E1A9 (Cat # MAB17984) (Green). Red: Negative Control.

## Gene Info — IFNGR1

Entrez GeneID [3459](#)

Protein Accession# [P15260](#)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name          | IFNGR1                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Alias         | CD119, FLJ45734, IFNGR                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Description   | interferon gamma receptor 1                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Omim ID            | <a href="#">107470</a> <a href="#">209950</a> <a href="#">600263</a> <a href="#">607948</a>                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Summary       | This gene (IFNGR1) 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. [provided by RefSeq] |
| Other Designations | AVP, type 2 CD119 antigen OTTHUMP00000017285 antiviral protein, type 2 immune interferon receptor 1 interferon-gamma receptor alpha chain                                                                                                                                                                                                                                                                                                                          |

## Pathway

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

## Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchial Hyperreactivity](#)
- [Calcinosis](#)
- [Carcinoma](#)

- [Cardiovascular Diseases](#)
- [Cataract](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Dermatitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Giant Cell Arteritis](#)
- [Graft vs Host Disease](#)
- [Helicobacter Infections](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [Inflammation](#)
- [Kidney Failure](#)

- [Leishmaniasis](#)
- [Leprosy](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphadenitis](#)
- [Lymphoma](#)
- [Malaria](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Mycobacterium avium-intracellulare Infection](#)
- [Mycobacterium Infections](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Paratyphoid Fever](#)
- [Periodontitis](#)
- [Postoperative Complications](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)

- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Severe combined immunodeficiency](#)
- [Stomach Neoplasms](#)
- [Subacute Sclerosing Panencephalitis](#)
- [Tuberculosis](#)
- [Typhoid Fever](#)
- [Urinary Bladder Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)