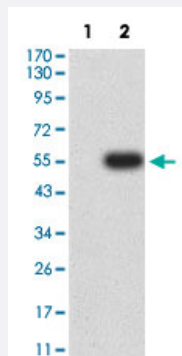


IFNGR1 monoclonal antibody, clone 5H1C9

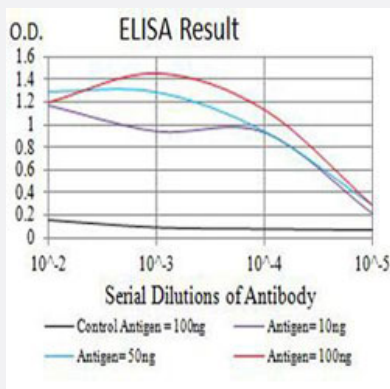
Catalog # MAB17983 Size 100 ug

Applications



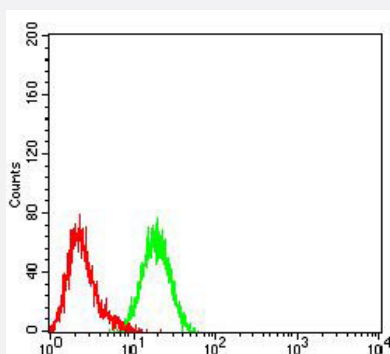
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: IFNGR1-hlgGfC transfected HEK293 cell lysates with IFNGR1 monoclonal antibody, clone 5H1C9 (Cat # MAB17983).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IFNGR1 monoclonal antibody, clone 5H1C9 (Cat # MAB17983).



Flow Cytometry

Flow cytometric analysis of K562 cells with IFNGR1 monoclonal antibody, clone 5H1C9 (Cat # MAB17983) (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) Flow Cytometry (1:200-1:400) Western Blot (1:100-1:500) 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. 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 5H1C9 (Cat # MAB17983).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IFNGR1 monoclonal antibody, clone 5H1C9 (Cat # MAB17983).

- Flow Cytometry

Flow cytometric analysis of K562 cells with IFNGR1 monoclonal antibody, clone 5H1C9 (Cat # MAB17983) (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	107470 209950 600263 607948
Gene Ontology	Hyperlink
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](#)