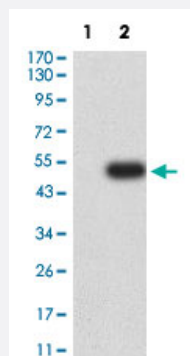


IL18R1 monoclonal antibody, clone 2B7E6

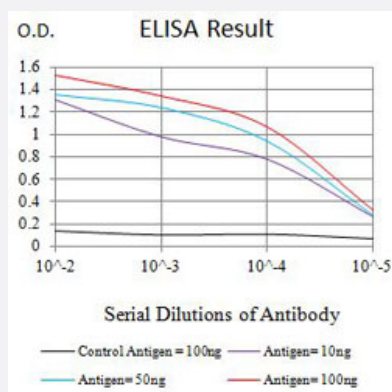
Catalog # MAB21508 Size 100 ug

Applications



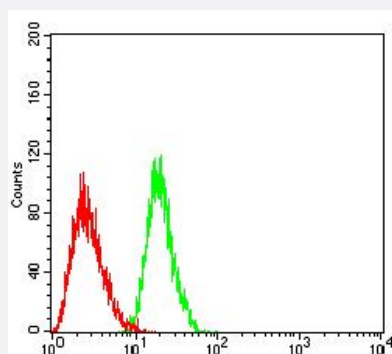
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: IL18R1-hlgGfC transfected HEK293 cell lysates with IL18R1 monoclonal antibody, clone 2B7E6 (Cat # MAB21508).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IL18R1 monoclonal antibody, clone 2B7E6 (Cat # MAB21508).



Flow Cytometry

Flow cytometric analysis of HL-60 cells with IL18R1 monoclonal antibody, clone 2B7E6 (Cat # MAB21508) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human IL18R1.
Immunogen	Recombinant protein corresponding to amino acids 22-185 of human IL18R1.
Host	Mouse
Theoretical MW (kDa)	62.3
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) 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: IL18R1-hlgGFc transfected HEK293 cell lysates with IL18R1 monoclonal antibody, clone 2B7E6 (Cat # MAB21508).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IL18R1 monoclonal antibody, clone 2B7E6 (Cat # MAB21508).

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Flow cytometric analysis of HL-60 cells with IL18R1 monoclonal antibody, clone 2B7E6 (Cat # MAB21508) (Green). Red: Negative Control.

Gene Info — IL18R1

Entrez GeneID [8809](#)

Protein Accession# [Q13478](#)

Gene Name	IL18R1
Gene Alias	CD218a, CDw218a, IL-1Rrp, IL18RA, IL1RRP
Gene Description	interleukin 18 receptor 1
Omim ID	604494
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. [provided by RefSeq]
Other Designations	IL1 receptor-related protein OTTHUMP00000161340 cytokine receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)

- [Hepatitis C](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Intervertebral Disk Displacement](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Measles](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Pneumoconiosis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)