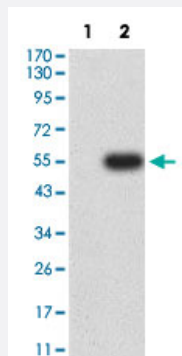


IL2RB monoclonal antibody, clone 1G11C6

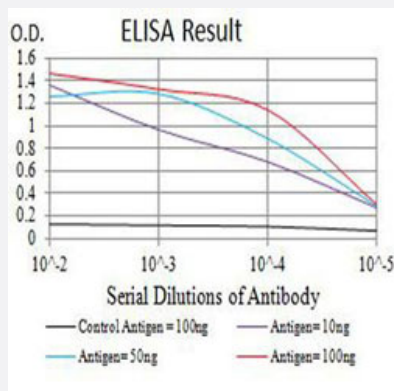
Catalog # MAB17989 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: IL2RB-hlgFc transfected HEK293 cell lysates with IL2RB monoclonal antibody, clone 1G11C6 (Cat # MAB17989).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IL2RB monoclonal antibody, clone 1G11C6 (Cat # MAB17989).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human IL2RB.
Immunogen	Recombinant protein corresponding to amino acids 27-240 of human IL2RB.
Host	Mouse
Theoretical MW (kDa)	61
Reactivity	Human
Form	Liquid

Isotype	IgG2b
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: IL2RB-hlgGfc transfected HEK293 cell lysates with IL2RB monoclonal antibody, clone 1G11C6 (Cat # MAB17989).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with IL2RB monoclonal antibody, clone 1G11C6 (Cat # MAB17989).

- Flow Cytometry

Gene Info — IL2RB

Entrez GeneID	3560
Protein Accession#	P14784
Gene Name	IL2RB
Gene Alias	CD122, P70-75
Gene Description	interleukin 2 receptor, beta
Omim ID	146710
Gene Ontology	Hyperlink

Gene Summary

The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encoded by this gene represents the beta subunit and is a type I membrane protein. [provided by RefSeq]

Other Designations

CD122 antigen|OTTHUMP00000028799|high affinity IL-2 receptor beta subunit|interleukin 2 receptor beta

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chagas Disease](#)
- [Colitis](#)
- [Connective Tissue Diseases](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Edema](#)
- [Endometriosis](#)
- [Esophagitis](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Leishmaniasis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Measles](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Musculoskeletal Diseases](#)
- [Myasthenia Gravis](#)
- [Occupational Diseases](#)
- [Pain](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)

- [Prostatic Neoplasms](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Schizophrenia](#)
- [Skin Diseases](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)
- [Wegener Granulomatosis](#)