

IL2RA monoclonal antibody, clone MEM-140

Catalog # MAB0918

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native IL2RA.
Immunogen	Native purified IL2RA from PHA-activated peripheral blood leucocytes.
Host	Mouse
Theoretical MW (kDa)	55
Reactivity	Human
Specificity	This antibody reacts with CD25 (Interleukin-2 receptor appha chain), a 55 KDa type I transmembrane glycoprotein expressed on activated B and T lymphocytes, activated monocytes/macrophages and o n CD4 ⁺ T lymphocytes (T regulatory cells); it is lost on resting B and T lymphocytes.
Form	Liquid
Concentration	1 mg/mL
Isotype	IgM
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Flow Cytometry

Gene Info — IL2RA

Entrez GeneID	3559
Gene Name	IL2RA
Gene Alias	CD25, IDDM10, IL2R, TCGFR
Gene Description	interleukin 2 receptor, alpha
Omim ID	147730 601942
Gene Ontology	Hyperlink
Gene Summary	The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. [provided by RefSeq]
Other Designations	Interleukin-2 receptor[OTTHUMP00000019030 OTTHUMP00000044870]interleukin 2 receptor, alpha chain

Pathway

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

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Addison Disease](#)
- [Alopecia Areata](#)
- [Alzheimer Disease](#)
- [Arthritis](#)

- [Asthma](#)
- [Atrial Fibrillation](#)
- [Autoimmune Diseases](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chorioamnionitis](#)
- [Colitis](#)
- [Connective Tissue Diseases](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Lupus Erythematosus](#)
- [Measles](#)
- [Melanoma](#)

- [Multiple Sclerosis](#)
- [Mumps](#)
- [Musculoskeletal Diseases](#)
- [Obstetric Labor](#)
- [Prediabetic State](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Skin Diseases](#)
- [Thyroid Diseases](#)
- [Vasculitis](#)
- [Vitiligo](#)