

IL3RA monoclonal antibody, clone IL3RA/2065

Catalog # MAB21099

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human IL3RA.
Immunogen	Recombinant protein corresponding to amino acid 26-171 of human IL3RA.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2a, kappa
Recommend Usage	ELISA (2-4 ug/mL for coating) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 2 to 8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL3RA

Entrez GeneID [3563](#)Protein Accession# [P26951](#)

Gene Name	IL3RA
Gene Alias	CD123, IL3R, IL3RAY, IL3RX, IL3RY, MGC34174, hIL-3Ra
Gene Description	interleukin 3 receptor, alpha (low affinity)
Omim ID	308385 430000
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an interleukin 3 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL3 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL3. This gene and the gene encoding the colony stimulating factor 2 receptor alpha chain (CSF2RA) form a cytokine receptor gene cluster in a X-Y pseudoautosomal region on chromosomes X or Y. [provided by RefSeq]
Other Designations	CD123 antigen Interleukin-3 receptor OTTHUMP00000022828 interleukin 3 receptor, alpha

Pathway

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

Disease

- [Chorioamnionitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Schizophrenia](#)

- [Thyroid Neoplasms](#)