

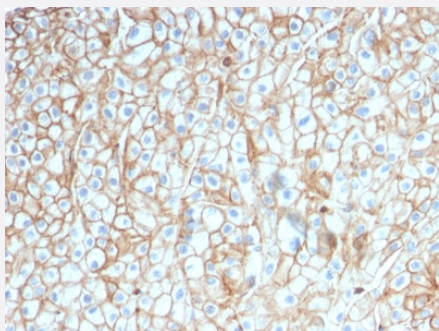
RecomAb™

IL3RA recombinant monoclonal antibody, clone IL3RA/2947R

Catalog # RAB00458

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Tonsil using IL3RA recombinant monoclonal antibody, clone IL3RA/2947R.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial recombinant human IL3RA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to amino acid 26-171 of human IL3RA.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin-fixed) (0.25-0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS
Storage Instruction	Store at -20 to -80°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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Tonsil using IL3RA recombinant monoclonal antibody, clone IL3RA/2947R.

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](#)