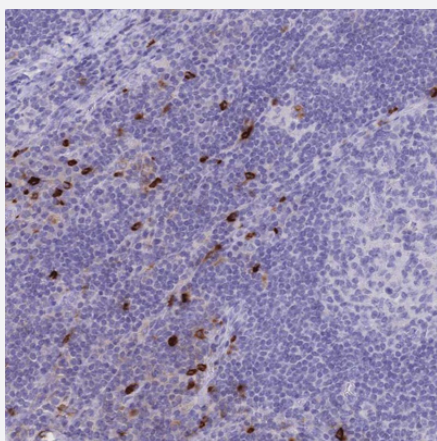


IL2RB polyclonal antibody

Catalog # PAB30302 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymph node with IL2RB polyclonal antibody (Cat # PAB30302) shows strong cytoplasmic positivity in non-germinal center cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human IL2RB.
Immunogen	Recombinant protein corresponding to amino acids 66-122 of human IL2RB.
Sequence	DRRRWNQTCELLPVSQASWACNLILGAPDSQKLTTVDIVTLRVLCREGVRWRVMAIQ
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000 - 1:2500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C for short term storage. 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

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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](#)