

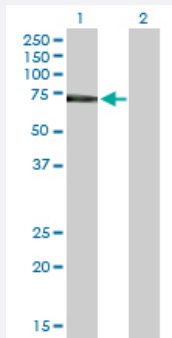
MaxPab®

IL2RB purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003560-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IL2RB expression in transfected 293T cell line ([H00003560-T02](#)) by IL2RB MaxPab polyclonal antibody.

Lane 1: IL2RB transfected lysate(61.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human IL2RB protein.

Immunogen

IL2RB (NP_000869.1, 1 a.a. ~ 551 a.a) full-length human protein.

Sequence

MAAPALSWRLPLLILLPLATSWASAAVNGTSQFTCFYNSRANISCVWSQDGALQDTSCQVHAW
PDRRRWNQTCCELLPVSQASWACNLILGAPDSQKLTVDIVTLRVLCREGVRWRVMAIQDFKPFE
NLRLMAPISLQVVHVEHRCNISWEISQASHYFERHLEFEARTLSPGHTWEEAPLLTLKQKQEWIC
LETLPDTQYEFQVRVKPLQGEFTTWSPWSQPLAFRTKPAALGKDTIPWLGHLLVGLSGAFGFIL
VYLLINCRNTGPWLKKVLKCNTPDPSKFFSQLSSEHGGDVQKWLSSPFPSSSFSPGGLAPEISPL
EVLERDKVTQLLLQQDKVPEPASLSSNHSLSCTFNQGYFFHLPDALEIEACQVYFTYDPYSEE
DPDEGVAGAPTGSSPQLQPLSGEDDAYCTFPSRDDLLLFSPSLLGGPSPPSTAPGGSGAGEE
RMPPSLQERVPRDWDQPPLGPPTPGVPDLVDFQPPPELVLREAGEEVPDAGPREGVSFPWSR
PPGQGEFRALNARLPLNTDAYLSLQELQGQDPHLV

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (57)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — IL2RB

Entrez GeneID

[3560](#)

GeneBank Accession#

[NM_000878.2](#)

Protein Accession#

[NP_000869.1](#)

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](#)