

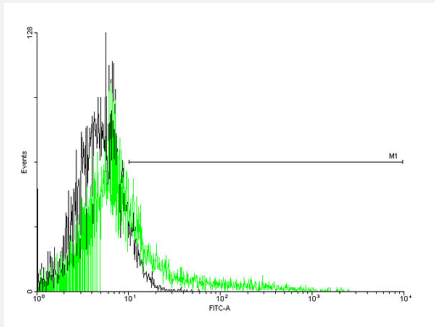
MaxPab®

IL2RB MaxPab mouse polyclonal antibody (B01)

Catalog # H00003560-B01

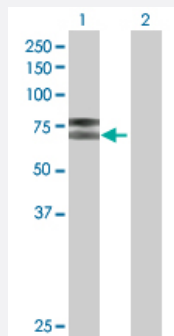
Size 50 uL

Applications



Flow Cytometry

FACS analysis of negative control 293 cells (Black) and IL2RB expressing 293 cells (Green) using IL2RB purified MaxPab mouse polyclonal antibody.



Western Blot (Transfected lysate)

Western Blot analysis of IL2RB expression in transfected 293T cell line ([H00003560-T01](#)) by IL2RB MaxPab polyclonal antibody.

Lane 1: IL2RB transfected lysate(60.61 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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 PDRRRWNQTCCELLPVSQASWACNLILGAPDSQKLTTVDIVTLRVLCREGVRWRVMAIQDFKPFE NLRLMAPISLQVVHVETHRCNISWEISQASHYFERHLEFEARTLSPGHTWEEAPLLTLKQKQEWIC LETLT PDTQYEFQVRVKPLQGEFTTWSPWSQPLAFRTKPAALGKDTIPWLGHLLVGLSGAFGFIL VYLLINCRNTGPWLKKVLKCNTPDPSKFFSQLSSEHGGDVQKWLSSPFPSSSFSPGGLAPEISPL EVLERDKVTQLLLQQDKVPEPASLSSNHSLSCTFNQGYFFHLPDALEIEACQVYFTYDPYSEE DPDEGVAGAPTGSSPQLQLPSGEDDAYCTFPSRDDLLLFSPSLLGGPSPPSTAPGGSGAGEE RMPPSLQERVPRDWDQPQLGPPTPGVPDLVDFQPPPELVLREAGEEVPDAGPREGVSFPWSR PPGQGEFRALNARLPLNTDAYLSLQELQGQDPHTLV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (57)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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- Flow Cytometry

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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](#)