

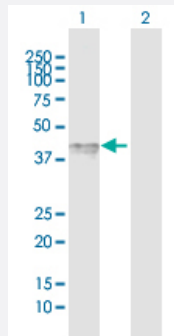
MaxPab®

IL12RB1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003594-D01

Size 100 uL

Applications

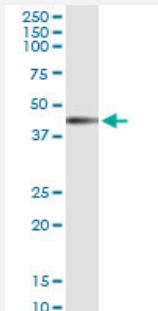


Western Blot (Transfected lysate)

Western Blot analysis of IL12RB1 expression in transfected 293T cell line ([H00003594-T03](#)) by IL12RB1 MaxPab polyclonal antibody.

Lane 1: IL12RB1 transfected lysate(42.4 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of IL12RB1 transfected lysate using anti-IL12RB1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with IL12RB1 MaxPab mouse polyclonal antibody (B02) ([H00003594-B02](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human IL12RB1 protein.

Immunogen

IL12RB1 (AAH29121.1, 1 a.a. ~ 381 a.a) full-length human protein.

Sequence

MEPLVTWVPLLFLFLLSRQGAACRTSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYEC
WQYEGPTAGVSHFLRCLSSGRCCYFAAGSATRLQFSDQAGVSVLYTVTLWVESWARNQTEKS
PEVTLQLYNSVKYEPPLGDIKVS KLAGQLRMEWETPDNQVGAEVQFRHRTSPSPWKLGDGCPQ
DDTESCLCPELMNVAQEFQLRRRLGSGSSWSKWSSPVCVPPENPPQPQVRFVSVEQLGQ
DGRRLTLKEQPTQLELPEGCQGLAPGTEVTYRLQLHMLSCPCAKATRTHLHGKMPYLSGAAY
NVAVISSNQFGPGLNQTHIPADTHTDGMISAHCNLRLPDSRDS PASASRVAGITGICHHTRLILYF

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (47); Rat (47)
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.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — IL12RB1

Entrez GeneID	3594
GeneBank Accession#	BC029121
Protein Accession#	AAH29121.1
Gene Name	IL12RB1
Gene Alias	CD212, IL-12R-BETA1, IL12RB, MGC34454
Gene Description	interleukin 12 receptor, beta 1
Omim ID	209950 601604
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukine 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. This protein forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The lack of expression of this gene was found to result in the immunodeficiency of patients with severe mycobacterial and Salmonella infections. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations

IL-12 receptor beta component|interleukin-12 receptor beta-1 chain

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Anemia](#)
- [Arthritis](#)
- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chorioamnionitis](#)
- [Crohn Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)

- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Leiomyoma](#)
- [Leprosy](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lymphadenitis](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Multiple Myeloma](#)
- [Mycobacterium avium-intracellulare Infection](#)
- [Mycobacterium Infections](#)

- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Pain](#)
- [Periodontitis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Severe Acute Respiratory Syndrome](#)
- [Subacute Sclerosing Panencephalitis](#)
- [Tuberculosis](#)
- [Uterine Neoplasms](#)
- [Viremia](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)