

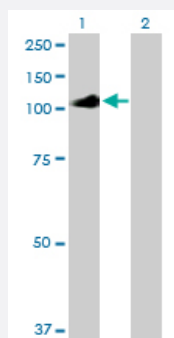
MaxPab®

IL12RB2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003595-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IL12RB2 expression in transfected 293T cell line ([H00003595-T01](#)) by IL12RB2 MaxPab polyclonal antibody.

Lane 1: IL12RB2 transfected lysate (94.82 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human IL12RB2 protein.

Immunogen

IL12RB2 (NP_001550.1, 1 a.a. ~ 862 a.a) full-length human protein.

Sequence

MAHTFRGCSLAFMFITWLLIKAKIDACKRGDVTVPKPSHVILLGSTVNITCSLKPRQGCFHYSRRNKLI
LYKFDRRINFHHGHSLSNSQVTGLPLGTTLFVCKLACINSDEIQCGAEIFVGVAPEQPQNLSCIQKGE
QGTVACTWERGRDTHLYTEYTLQLSGPKNLTWQKQCKDIYCDYLDGFINLTPESPESNFTAKVTA
VNSLGSSSSLPSTFTFLDIVRPLPPWDIRIKFQKASVSRCTLYWRDEGLVLLNRLRYRPSNSRLWN
MVNVTAKGRHDLLDLKPFTEYEFQISSKLHLKGSWSDWSESLRAQTPEEPTGMLDVVWYMK
RHIDYSRQQISLFWKNLSVSEARGKILHYQVTLQELTGGKAMTQNTGHTSWTTVIPRTGNWAVAVS
AANSKGSSLPTRINIMNLCEAGLLAPRQVSANSEGMDNILVTWQPPRKDPSAVQEYVVEWRELH
PGGDTQVPLNWLRSRPNVLSALISENIKSICYEIRVYALSGDQGGCSSILGNSKHKAPLSGPHINAI
TEEKGSILISWNSIPVQEQMGCLLHYRIWKERDSNSQPQLCEIPYRVSQNSHPINSLQPRVTYVLW
MTALTAAGESSHGNREFCLQGGKANWMAFVAPSICAIIMVGIFSTHYFQQKVFLAALRPQWCS
REIPDPANSTCAKKYPIAEKTLPLDRLLIDWPTPEDPEPLVISEVLHQVTPVFRHPPCSNWPQR
EKGIGGHQASEKDDMMHSASSPPPPRALQAESRQLVDLYKVLESRGSDPKPENPACPWTVLPAG
DLPTHGGLPSNIDDLPSHEAPLADSLEELEPQHISLSVFPSSSLHPLTFSCGDKLTLDQLKMRCD
SLML

Host

Mouse

Reactivity

Human

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.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — IL12RB2

Entrez GeneID	3595
GeneBank Accession#	NM_001559
Protein Accession#	NP_001550.1
Gene Name	IL12RB2
Gene Alias	-
Gene Description	interleukin 12 receptor, beta 2
Omim ID	601642
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense. [provided by RefSeq]
Other Designations	IL-12 receptor beta 2 OTTHUMP00000010662 interleukin-12 receptor beta-2 chain

Pathway

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

Disease

- [Acute Disease](#)
- [Alveolar Bone Loss](#)
- [Anemia](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Gram-Negative Bacterial Infections](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)

- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leprosy](#)
- [Liver Cirrhosis](#)
- [Lymphoproliferative Disorders](#)
- [Malaria](#)
- [Measles](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Periodontitis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Radiodermatitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Sarcoidosis](#)
- [Skin Diseases](#)
- [Tuberculosis](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)