

DNAPAb

Hard-to-Find
Antibody

IL12RB2 DNAPAb

Catalog # H00003595-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human IL12RB2 DNA using DNAP™ Immune technology.

Technology [DNAP™ Immune](#)

Immunogen Full-length human DNA

Sequence MAHTFRGCSLAFMFITWLLIKAKIDACKRGDVTVKPSHVILLGSTVNITCSLKPRQGCFHYSRRNKLI
LYKFDRRINFHHGHSLSNSQVTGLPLGTTLFVCKLACINSDEIQCGAEIFVGVAPEQPQNLSCIQKGE
QGTVACTWERGRDTHLYEYTLQLSGPKNLTWQKQCKDIYCDYLDGFINLTPESPESNFTAKVTA
VNSLGSSSSLPSTFTFLDVRPLPPWDIRIKFQKASVSRCTLYWRDEGLVLLNRLRYRPSNSRLWN
MVNVTAKGRHDLLDLKPFTEYEFQISSKLHLYKGSWSDWSESLRAQTPEEEPTGMLDVWYMK
RHIDYSRQQISLFWKNLSVSEARGKILHYQVTLQELTGGKAMTQNTGHTSWTTVIPRTGNWAVAVS
AANSKGSSLPTRINIMNLCEAGLLAPRQVSANSEGMDNILVTWQPPRKDPQSAVQEYVVEWRELH
PGGDTQVPLNWLRSRPYNVSALISENIKSICYEIRVYALSGDQGGCSSILGNSKHKAPLSGPHINAI
TEEGSILISWNSIPVQEQMGCLLHYRIWKERDSNSQPQLCEIPYRVSQNSHPINSLQPRVTYVLW
MTALTAAGESSHGNREFCLQGKANWMAFVAPSICIAIIMVGIFSTHYFQQKVVFLLAALRPQWCS
REIPDPANSTCAKKYPIAEKTKQLPLDRLLIDWPTPEDPEPLVISEVLHQVTPVFRHPPCSNWPQR
EKGIQGHQASEKDDMMHSASSPPPPRALQAESRQLVDLYKVLESRGSDPKPENPACPWTVLPAG
DLPTHGDLPSNIDDLPSHEAPLADSLEELEPQHISLSVFPSSSLHPLTFSCGDKLTLDQLKMRCD
SLML

Host Rabbit

Reactivity Human

Purification Protein A

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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — IL12RB2

Entrez GeneID [3595](#)

GeneBank Accession# [NM_001559.2](#)

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](#)