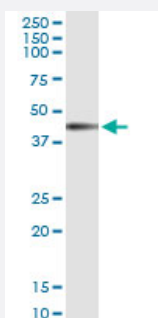


IL12RB1 (Human) IP-WB Antibody Pair

Catalog # H00003594-PW1

Size 1 Set

Applications



Immunoprecipitation of IL12RB1 transfected lysate using rabbit polyclonal anti-IL12RB1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-IL12RB1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (47%); Rat (46%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of IL12RB1 transfected lysate using rabbit polyclonal anti-IL12RB1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-IL12RB1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-IL12RB1 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-IL12RB1 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — IL12RB1

Entrez GeneID [3594](#)

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](#)