

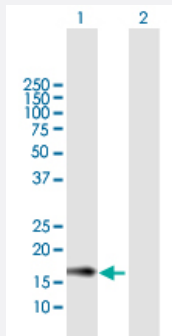
MaxPab®

IL15 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003600-D01

Size 100 uL

Applications

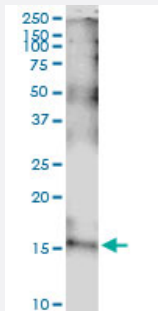


Western Blot (Transfected lysate)

Western Blot analysis of IL15 expression in transfected 293T cell line ([H00003600-T01](#)) by IL15 MaxPab polyclonal antibody.

Lane 1: IL15 transfected lysate(18.1 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of IL15 transfected lysate using anti-IL15 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with IL15 MaxPab mouse polyclonal antibody (B01) ([H00003600-B01](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human IL15 protein.
Immunogen	IL15 (NP_000576.1, 1 a.a. ~ 162 a.a) full-length human protein.
Sequence	MRISKPHLRISISIQCYLCLLLNSHFLTEAGIHVFILGCF SAGLPKTEANWVNVISDLKKIEDLIQSMHID ATLYTESDVHP SCKVTAMKCFLLLELQVISLES GDASIHDTVENLILANNSLSSNGNVTESGCKECE ELEEKNIKEFLQSFVHIVQMFINTS
Host	Rabbit
Reactivity	Human

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.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of IL15 expression in transfected 293T cell line ([H00003600-T01](#)) by IL15 MaxPab polyclonal antibody.

Lane 1: IL15 transfected lysate(18.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of IL15 transfected lysate using anti-IL15 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with IL15 MaxPab mouse polyclonal antibody (B01) ([H00003600-B01](#)).

[Protocol Download](#)

Gene Info — IL15

Entrez GeneID	3600
GeneBank Accession#	NM_000585
Protein Accession#	NP_000576.1
Gene Name	IL15
Gene Alias	IL-15, MGC9721
Gene Description	interleukin 15
Omim ID	600554
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. Two alternatively spliced transcript variants of this gene encoding the same protein have been reported. [provided by RefSeq]

Other Designations

OTTHUMP00000164617

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Connective Tissue Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)

- [Fetal Diseases](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Hypertrophy](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Musculoskeletal Diseases](#)
- [Neoplasm](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Recurrence](#)

- [Respiratory Syncytial Virus Infections](#)
- [Skin Diseases](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)