

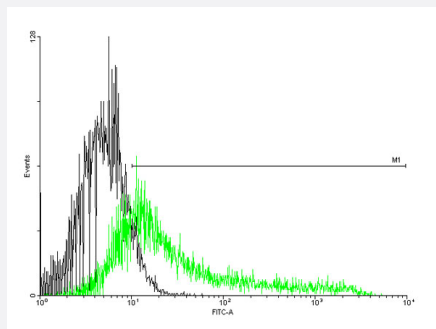
MaxPab®

# IL6R purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003570-B01P

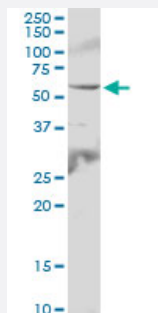
Size 50 ug

## Applications



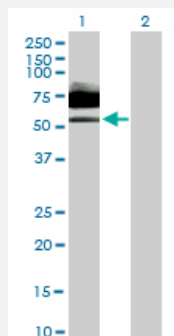
### Flow Cytometry

FACS analysis of negative control 293 cells (Black) and IL6R expressing 293 cells (Green) using IL6R purified MaxPab mouse polyclonal antibody.



### Western Blot (Cell lysate)

IL6R MaxPab polyclonal antibody. Western Blot analysis of IL6R expression in HeLa.



### Western Blot (Transfected lysate)

Western Blot analysis of IL6R expression in transfected 293T cell line ([H00003570-T01](#)) by IL6R MaxPab polyclonal antibody.

Lane 1: IL6R transfected lysate(51.48 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human IL6R protein.

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen               | IL6R (NP_000556.1, 1 a.a. ~ 468 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sequence                | MLAVGCALLAALLAAPGAALAPRRCPAQEVARGVLTSLPGDSVTLTCPGVEPEDNATVHWVLR<br>KPAAGSHPSRWAGMGRLLLLRSVQLHDSGNYSYRAGRPAAGTVHLLVDVPPEEPQLSCFRKSP<br>LSNVVCEWGPRSTPSLTTKAVLLVRKFQNSPAEDFQEPCQYSQESQKFSCQLAVPEGDSSFYV<br>SMCVASSVGSKFSKTQTFQGCILQPDPPANITVTAVARNPRWLSVTWQDPHSHWNSSFYRLRFE<br>LRYRAERSKTFTTWMVKDLQHHCVIHDAWSGLRHVVQLRAQEEFGQGEWSEWSPEAMGTPWT<br>ESRSPPAENEVSTPMQALTTNKDDDNILFRDSANATSLPVQDSSSVPLPTFLVAGGSLAFGTLLCI<br>AIVLRFKKTWKLRLKEGKTSMHPPYSLGQLVPERPRPTPVLVPLISPPVSPSSLGSDNTSSHNR<br>PDARDPRSPYDISNTDYFFPR |
| 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

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IL6R MaxPab polyclonal antibody. Western Blot analysis of IL6R expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of IL6R expression in transfected 293T cell line ([H00003570-T01](#)) by IL6R MaxPab polyclonal antibody.

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[Protocol Download](#)

## Gene Info — IL6R

Entrez GeneID

[3570](#)

GeneBank Accession#

[NM\\_000565](#)

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Accession# | <a href="#">NP_000556.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Name          | IL6R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Alias         | CD126, IL-6R-1, IL-6R-alpha, IL6RA, MGC104991                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description   | interleukin 6 receptor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Omim ID            | <a href="#">147880</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Summary       | Interleukin 6 (IL6) is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in immune response. The protein encoded by this gene is a subunit of the receptor complex for IL6. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq] |
| Other Designations | CD126 antigen OTTHUMP00000034320 interleukin 6 receptor alpha subunit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Pathway

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

## Disease

- [Abscess](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)

- [Behcet Syndrome](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chorioamnionitis](#)
- [Connective Tissue Diseases](#)
- [Coronary Disease](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hyperandrogenism](#)
- [Hyperglycemia](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)

- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Musculoskeletal Diseases](#)
- [Myelodysplastic Syndromes](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pain](#)
- [Periodontitis](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)
- [Radiation Injuries](#)

- [Radiation Pneumonitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Respiratory Tract Infections](#)
- [Schizophrenia](#)
- [Sepsis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Thoracic Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)