

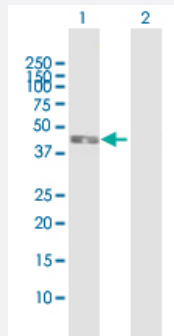
MaxPab®

IL5RA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003568-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IL5RA expression in transfected 293T cell line ([H00003568-T01](#)) by IL5RA MaxPab polyclonal antibody.

Lane 1: IL5RA transfected lysate(38.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human IL5RA protein.
Immunogen	IL5RA (NP_783852.1, 1 a.a. ~ 335 a.a) full-length human protein.
Sequence	MIVAHVLLILLGATEILQADLLPDEKISLLPPVNFTIKVTGLAQVLLQWKPNPDQEQRNVNLEYQVKI NAPKEDDYETRITESKCVTILHKGFSASVRTILQNDHSLASSWASAEIHAPPGSPGTSVNLCTT NTTEDNYSRLRSYQVSLHCTWLVGTDAPEDTQYFLYRYGSWTEECQEYSKDTLGRNIACWFPRT FILSKGRDWLAVLVNGSSKHSAIRPFDQLFALHAIDQINPPLNVTAEIEGTRLSIQWEKPVSAFPIHC FDYEVKIHNTRNGYLQIEKLMTNAFISIIDDLSKYDVQVRAAVSSMCREAGLWSEWSQPIYVGFSR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (71)
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.

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[Protocol Download](#)

Gene Info — IL5RA

Entrez GeneID [3568](#)

GeneBank Accession# [NM_175725.1](#)

Protein Accession# [NP_783852.1](#)

Gene Name IL5RA

Gene Alias CD125, CDw125, HSIL5R3, IL5R, MGC26560

Gene Description interleukin 5 receptor, alpha

Omim ID [147851](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Six alternatively spliced transcript variants encoding three distinct isoforms have been reported. [provided by RefSeq]

Other Designations CD125 antigen|OTTHUMP00000115257|OTTHUMP00000115373|interleukin 5 receptor type 3|interleukin-5 receptor alpha chain|interleukin-5 receptor alpha subunit

Pathway

- [Cytokine-cytokine receptor interaction](#)

- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chlamydia Infections](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Eosinophilia](#)
- [Esophagitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)

- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Stroke](#)
- [Trachoma](#)