

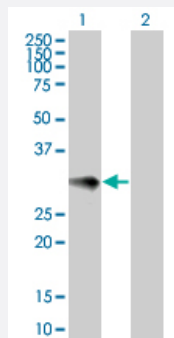
MaxPab®

IL9 MaxPab mouse polyclonal antibody (B02P)

Catalog # H00003578-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of IL9 expression in transfected 293T cell line ([H00003578-T02](#)) by IL9 MaxPab polyclonal antibody.

Lane 1: IL9 transfected lysate(15.84 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human IL9 protein.
Immunogen	IL9 (NP_000581, 1 a.a. ~ 144 a.a) full-length human protein.
Sequence	MLLAMVLTSALLLCVAGQGCPFLAGILDINFLINKMQEDPASKCHCSANVTSCCLGLIPSDNCTR PCFSERLSQMTNTTMQTRYPLIFSRVKKSVEVLKNNKCPYFSCEQPCNQTTAGNALTFLKSLEIF QKEKMRGMRGKI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (57); Rat (58)
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)

Western Blot analysis of IL9 expression in transfected 293T cell line ([H00003578-T02](#)) by IL9 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — IL9

Entrez GeneID [3578](#)

GeneBank Accession# [NM_000590](#)

Protein Accession# [NP_000581](#)

Gene Name IL9

Gene Alias HP40, IL-9, P40

Gene Description interleukin 9

Omim ID [146931](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq]

Other Designations OTTHUMP00000159423|T-cell growth factor p40|homolog of mouse T cell and mast cell growth factor 40|p40 T-cell and mast cell growth factor|p40 cytokine

Pathway

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

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Berylliosis](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chlamydia Infections](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Food Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)

- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Migraine Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Sounds](#)
- [Respiratory Syncytial Virus Infections](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Trachoma](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)