

IL9 monoclonal antibody (M01), clone 1C9

Catalog # H00003578-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant IL9.
Immunogen	IL9 (NP_000581.1, 18 a.a. ~ 144 a.a) full-length recombinant protein.
Sequence	MQGCPTLAGILDINFLINKMQEDPASKCHCSANVTSCCLGIPSDNCTRPCFSERLSQMTNTTMQT RYPLIFSRVKKSVEVLKNNKCPYFSCEQPCNQTTAGNALTFKLSLEIFQKEKMRGMRGKI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (58); Rat (58)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — IL9

Entrez GeneID	3578
GeneBank Accession#	NM_000590.1
Protein Accession#	NP_000581.1

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](#)