

RecomAb™

IL9R recombinant monoclonal antibody, clone AH9R2

Catalog # RAB03603 Size 200 ug

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human IL9R.
Antibody Species	Mouse
Immunogen	Original antibody is raised against P815 mastocytoma cells transfected with human IL-9R cDNA.
Reactivity	Human
Form	Liquid
Isotype	IgG2a kappa
Recommend Usage	Blocking Immunoprecipitation The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)
Storage Instruction	Store at 4°C for 3 months. For long term storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation
- Blocking

Gene Info — IL9R

Entrez GeneID [3581](#)

Gene Name IL9R

Gene Alias	CD129
Gene Description	interleukin 9 receptor
Omim ID	300007
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000024332

Pathway

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

Disease

- [Arthritis](#)
- [Asthma](#)
- [Berylliosis](#)
- [Bronchiolitis](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)

- [Infant](#)
- [Lymphoma](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Syncytial Virus Infections](#)
- [Urinary Bladder Neoplasms](#)