

IL9R Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14364c**Specification**

IL9R Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q01113](#)

IL9R Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3581

Other Names

Interleukin-9 receptor, IL-9 receptor, IL-9R, CD129, IL9R

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IL9R Antibody (Center) Blocking Peptide - Protein Information

Name IL9R

Function

Plays an important role in the immune response against parasites by acting as a receptor of IL9.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Secreted

IL9R Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

IL9R Antibody (Center) Blocking Peptide - Images**IL9R Antibody (Center) Blocking Peptide - Background**

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.

IL9R Antibody (Center) Blocking Peptide - References

Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) :McCanlies, E.C., et al. J. Occup. Environ. Med. 52(7):680-684(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Romero, R., et al. Am. J. Obstet. Gynecol. 202 (5), 431 (2010) :Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :