

**IL25 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14661c****Specification**

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**IL25 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [O9H293](#)**IL25 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 64806**Other Names**

Interleukin-25, IL-25, Interleukin-17E, IL-17E, IL25, IL17E

**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.

**IL25 Antibody (Center) Blocking Peptide - Protein Information****Name** IL25**Synonyms** IL17E**Function**

Cytokine produced by various cells such as eosinophils, T- helper type 2 (Th2) cells or epithelial cells that plays a role in internal safety of adaptive immune responses by regulating cytokine production (PubMed:<[a href="http://www.uniprot.org/citations/25821217" target="\\_blank">25821217</a>a href="http://www.uniprot.org/citations/15860795" target="\\_blank">15860795</a>a href="http://www.uniprot.org/citations/25821217" target="\\_blank">25821217</a>a href="http://www.uniprot.org/citations/25821217" target="\\_blank">25821217</a>a href="http://www.uniprot.org/citations/15860795" target="\\_blank">15860795</a>a href="http://www.uniprot.org/citations/11754819" target="\\_blank">11754819</a>](http://www.uniprot.org/citations/25821217)

**Cellular Location**  
Secreted.**Tissue Location**

Expressed at low levels in several tissues, including brain, kidney, lung, prostate, testis, spinal cord, adrenal gland, and trachea

**IL25 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**IL25 Antibody (Center) Blocking Peptide - Images****IL25 Antibody (Center) Blocking Peptide - Background**

The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF- $\kappa$ B activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants.

**IL25 Antibody (Center) Blocking Peptide - References**

Xu, G., et al. Allergy 65(5):581-589(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Goswami, S., et al. Nat. Immunol. 10(5):496-503(2009) Caruso, R., et al. Blood 113(15):3512-3519(2009) Garley, M., et al. Adv Med Sci 53(2):326-330(2008)