

**IL5RA Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5235a****Specification**

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**IL5RA Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q01344](#)**IL5RA Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 3568**Other Names**

Interleukin-5 receptor subunit alpha, IL-5 receptor subunit alpha, IL-5R subunit alpha, IL-5R-alpha, IL-5RA, CDw125, CD125, IL5RA, IL5R

**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.

**IL5RA Antibody (N-term) Blocking peptide - Protein Information****Name** IL5RA**Synonyms** IL5R**Function**

Cell surface receptor that plays an important role in the survival, differentiation, and chemotaxis of eosinophils (PubMed:<a href="http://www.uniprot.org/citations/9378992" target="\_blank">9378992</a>). Acts by forming an heterodimeric receptor with CSF2RB subunit and subsequently binding to interleukin-5 (PubMed:<a href="http://www.uniprot.org/citations/1495999" target="\_blank">1495999</a>, PubMed:<a href="http://www.uniprot.org/citations/22528658" target="\_blank">22528658</a>). In unstimulated conditions, interacts constitutively with JAK2. Heterodimeric receptor activation leads to JAK2 stimulation and subsequent activation of the JAK-STAT pathway (PubMed:<a href="http://www.uniprot.org/citations/9516124" target="\_blank">9516124</a>).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Expressed on eosinophils and basophils.

## **IL5RA Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **IL5RA Antibody (N-term) Blocking peptide - Images**