

IL5RA Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19232b**Specification****IL5RA Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q01344](#)**IL5RA Antibody (C-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 (C-term) Blocking Peptide - Protein Information

Name IL5RA

Synonyms IL5R

Function

This is the receptor for interleukin-5. The alpha chain binds to IL5.

Cellular Location

Membrane; Single-pass type I membrane protein.

IL5RA Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Six alternatively spliced transcript variants encoding three distinct isoforms have been reported.

IL5RA Antibody (C-term) Blocking Peptide - References

Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) ; Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Beckers, M.M., et al. Eur. J. Intern. Med. 21(4):289-292(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Wang, Y., et al. Diabet. Med. 27(4):376-383(2010)

Tissue Location

Expressed on eosinophils and basophils.

**IL5RA Antibody (C-term) Blocking Peptide
- Protocols**

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

- [Blocking Peptides](#)