

IL13RA1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17187a**Specification**

IL13RA1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P78552](#)**IL13RA1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 3597**Other Names**

Interleukin-13 receptor subunit alpha-1, IL-13 receptor subunit alpha-1, IL-13R subunit alpha-1, IL-13R-alpha-1, IL-13RA1, Cancer/testis antigen 19, CT19, CD213a1, IL13RA1, IL13R, IL13RA

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.

IL13RA1 Antibody (N-term) Blocking Peptide - Protein Information**Name** IL13RA1**Synonyms** IL13R, IL13RA**Function**

Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Ubiquitous. Highest levels in heart, liver, skeletal muscle and ovary; lowest levels in brain, lung and kidney Also found in B-cells, T-cells and endothelial cells

IL13RA1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IL13RA1 Antibody (N-term) Blocking Peptide - Images

IL13RA1 Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq].

IL13RA1 Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Park, S.W., et al. J. Korean Med. Sci. 24(4):614-620(2009)