

IL31 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9388a**Specification**

IL31 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q6EBC2](#)**IL31 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 386653**Other Names**

Interleukin-31, IL-31, IL31

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.

IL31 Antibody (N-term) Blocking Peptide - Protein Information**Name** IL31**Function**

Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR (PubMed:15184896). May function in skin immunity (PubMed:15184896). Enhances myeloid progenitor cell survival in vitro (By similarity). Induces RETNLA and serum amyloid A protein expression in macrophages (By similarity).

Cellular Location

Secreted.

Tissue Location

Detected at low levels in testis, bone marrow, skeletal muscle, kidney, colon, thymus, small intestine and trachea

IL31 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IL31 Antibody (N-term) Blocking Peptide - Images

IL31 Antibody (N-term) Blocking Peptide - Background

IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma.

IL31 Antibody (N-term) Blocking Peptide - References

Le Saux, S., et al. J. Biol. Chem. 285(5):3470-3477(2010)Zucchelli, M., et al. Inflamm. Bowel Dis. 15(7):961-962(2009)Gutzmer, R., et al. J. Allergy Clin. Immunol. 123(3):619-625(2009)Zhang, Q., et al. Cytokine Growth Factor Rev. 19 (5-6), 347-356 (2008) :Werfel, T., et al. Chem Immunol Allergy 94, 101-111 (2008) :