

IL10RB Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9465c

Specification

IL10RB Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q08334](#)

IL10RB Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3588

Other Names

Interleukin-10 receptor subunit beta, IL-10 receptor subunit beta, IL-10R subunit beta, IL-10RB, Cytokine receptor class-II member 4, Cytokine receptor family 2 member 4, CRF2-4, Interleukin-10 receptor subunit 2, IL-10R subunit 2, IL-10R2, CDw210b, IL10RB, CRFB4, D21S58, D21S66

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.

IL10RB Antibody (Center) Blocking Peptide - Protein Information

Name IL10RB

Synonyms CRFB4, D21S58, D21S66

Function

Shared cell surface receptor required for the activation of five class 2 cytokines: IL10, IL22, IL26, IL28, and IFNL1. The IFNLR1/IL10RB dimer is a receptor for the cytokine ligands IFNL2 and IFNL3 and mediates their antiviral activity. The ligand/receptor complex stimulate the activation of the JAK/STAT signaling pathway leading to the expression of IFN-stimulated genes (ISG), which contribute to the antiviral state.

Cellular Location

Membrane; Single-pass type I membrane protein.

IL10RB Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IL10RB Antibody (Center) Blocking Peptide - Images

IL10RB Antibody (Center) Blocking Peptide - Background

IL10RB belongs to the cytokine receptor family. It is an accessory chain essential for the active interleukin 10 receptor complex. Coexpression of this and IL10RA proteins has been shown to be required for IL10-induced signal transduction. This gene and three other interferon receptor genes, IFAR2, IFNAR1, and IFNGR2, form a class II cytokine receptor gene cluster located in a small region on chromosome 21.

IL10RB Antibody (Center) Blocking Peptide - References

Chen, D.Q., et al. J. Med. Virol. 82(3):371-378(2010)Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)Glocker, E.O., et al. N. Engl. J. Med. 361(21):2033-2045(2009)Reyes-Gibby, C.C., et al. Cancer Epidemiol. Biomarkers Prev. 18(10):2636-2642(2009)Spencer, S.D., et al. J. Exp. Med. 187(4):571-578(1998)