

**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

**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)

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](#)