

IL28B Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16853a**Specification**

IL28B Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q8IZI9](#)**IL28B Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 282617**Other Names**

Interferon lambda-3, IFN-lambda-3, Cytokine Zcyto22, Interleukin-28B, IL-28B, Interleukin-28C, IL-28C, IFNL3, IL28B, IL28C, ZCYTO22

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.

IL28B Antibody (N-term) Blocking Peptide - Protein Information**Name** IFNL3**Synonyms** IL28B, IL28C, ZCYTO22**Function**

Cytokine with antiviral, antitumour and immunomodulatory activities. Plays a critical role in the antiviral host defense, predominantly in the epithelial tissues. Acts as a ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IFNLR1, and receptor engagement leads to the activation of the JAK/STAT signaling pathway resulting in the expression of IFN-stimulated genes (ISG), which mediate the antiviral state. Has a restricted receptor distribution and therefore restricted targets: is primarily active in epithelial cells and this cell type-selective action is because of the epithelial cell-specific expression of its receptor IFNLR1. Seems not to be essential for early virus-activated host defense in vaginal infection, but plays an important role in Toll-like receptor (TLR)- induced antiviral defense. Plays a significant role in the antiviral immune defense in the intestinal epithelium. Exerts an immunomodulatory effect by up-regulating MHC class I antigen expression.

Cellular Location

Secreted.

IL28B Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IL28B Antibody (N-term) Blocking Peptide - Images

IL28B Antibody (N-term) Blocking Peptide - Background

This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 29 (IL29) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).

IL28B Antibody (N-term) Blocking Peptide - References

Lindh, M., et al. Hepatology 52(5):1860-1861(2010) Pineda, J.A., et al. Clin. Infect. Dis. 51(7):788-795(2010) Grebely, J., et al. Hepatology 52(4):1216-1224(2010) Stattermayer, A.F., et al. Clin. Gastroenterol. Hepatol. (2010) In press : Iwata, R., et al. J. Viral Hepat. (2010) In press :