**IFNL3 Antibody**

**Product Code**
CSB-PA810313ESR1HU

**Storage**
Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

**Uniprot No.**
Q8IZI9

**Immunogen**
Recombinant Human Interferon lambda-3 protein (22-196AA)

**Raised In**
Rabbit

**Species Reactivity**
Human

**Tested Applications**
ELISA, IHC; Recommended dilution: IHC:1:20-1:200

**Relevance**
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.

**Form**
Liquid

**Conjugate**
Non-conjugated

**Storage Buffer**
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Purification Method**
Antigen Affinity Purified

**Isotype**
IgG

**Clonality**
Polyclonal

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

**Species**
Homo sapiens (Human)

**Research Area**
Immunology

**Target Names**
IFNL3
Immunohistochemistry of paraffin-embedded human breast cancer using CSB-PA810313ESR1HU at dilution of 1:100

Immunohistochemistry of paraffin-embedded human liver cancer using CSB-PA810313ESR1HU at dilution of 1:100