

## Anti-IFNLR1 Antibody (9X278)

## Product Details

Ig Type:	IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9X278
Purification:	Protein A purified

## Applications

Verified Activity:	1. Immunofluorescence staining of Hela cells with (TMAH-00597) at 1:90, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).
	2. Immunofluorescence staining of U251 cells with (TMAH-00597) at 1:90, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).
Application:	ELISA, IF

## Properties

Purity:	>95%
Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: IFNLR1 Protein (21-228AA)
Antigen Species:	Human
Gene ID:	163702
Uniprot ID:	Q8IU57
Biology Area:	Signal Transduction

## Research Background

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. Determines the cell type specificity of the lambda interferon action. Shows a more restricted pattern of expression in the epithelial tissues thereby limiting responses to lambda interferons primarily to epithelial cells of the respiratory, gastrointestinal, and reproductive tracts. 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

epithelium.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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