

# IL-29/IFN- $\lambda$ 1 Monoclonal Antibody(Capture/Detector)

catalog number: AN001310P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

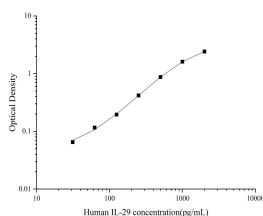
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human IL-29/IFN- $\lambda$ 1 protein expressed by Mammalian
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Clone</b>	1A6
<b>Purification</b>	Protein A/G Purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

## Applications

## Recommended Dilution

<b>ELISA Capture</b>	2-8 $\mu$ g/mL
<b>ELISA Detector</b>	0.1-0.4 $\mu$ g/mL

## Data



Sandwich ELISA-Recombinant Human IL-29/IFN- $\lambda$ 1 protein standard curve. Background subtracted standard curve using IL-29/IFN- $\lambda$ 1 antibody(AN001310P)(Capture), IL-29/IFN- $\lambda$ 1 antibody(AN001310P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human IL-29/IFN- $\lambda$ 1 protein is 31.25-2000 pg/mL.

## Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

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 IFNIR1, 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 IFNIR1. Exerts an immunomodulatory effect by up-regulating MHC class I antigen expression.

## For Research Use Only