

IL-29/IFN-λ1 Monoclonal Antibody(Capture/Detector)

catalog number: AN001310P

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

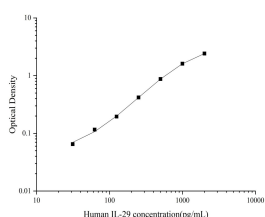
Description

Reactivity	Human
Immunogen	Recombinant Human IL-29/IFN-λ1 protein expressed by Mammalian
Host	Mouse
Isotype	Mouse IgG1
Clone	1A6
Purification	Protein A/G Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL

Data



Sandwich ELISA-Recombinant Human IL-29/IFN-λ1 protein standard curve. Background subtracted standard curve using IL-29/IFN-λ1 antibody(AN001310P)(Capture), IL-29/IFN-λ1 antibody(AN001310P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human IL-29/IFN-λ1 protein is 31.25-2000 pg/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	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.

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