

12-90421: Anti-IL21 antibody(11F1), IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	11F1
Application :	ELISA
Reactivity :	Human
Gene :	IL21
Uniprot ID :	Q9HBE4
Alternative Name :	IL21;Za11;Interleukin-21
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

This gene encodes a member of the common-gamma chain family of cytokines with immunoregulatory activity. The encoded protein plays a role in both the innate and adaptive immune responses by inducing the differentiation, proliferation and activity of multiple target cells including macrophages, natural killer cells, B cells and cytotoxic T cells. Dysregulation of this gene plays a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % ? 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

ELISA 1/5000-10000

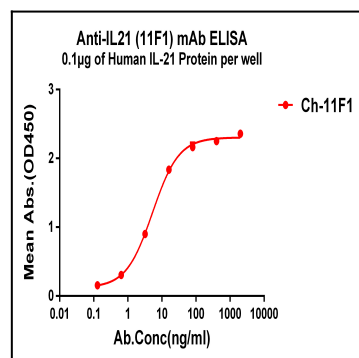


Figure 1. ELISA plate pre-coated by 1 ?g/ml (100 ?l/well) Human IL21 Protein can bind Rabbit anti-IL21 monoclonal antibody(clone: 11F1) in a linear range of 5-50 ng/ml.