9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

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|---|---|
| **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

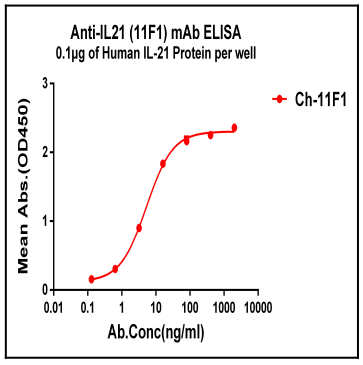



Figure 1. ELISA plate pre-coated by 1 ?g/ml (100 ?l/well) Human IL21 Protein can bind Rabbit anti-IL21 monoclonal antibody(clone: 11F1) in a linear range of 5-50 ng/ml.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***