

## **PRODUCT INFORMATION**

Clone ID **DMC225 Target** II 21R

**Synonyms** CD360; IMD56; NILR

**Host Species** Rabbit

PE-conjugated Anti-IL21R antibody(DMC225); Description

IgG1 Chimeric mAb

**Delivery** Under Development

**Uniprot ID** Q9HBE5

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Flow Cyt 1:100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Formulation & Reconstitution

**Background** 

**DIMA Disclaimer** 

Liquid

□PBS with 0.05% Proclin300, 1% BSA

Storage & Shipping Store at 2°C-8°C for 6 months

> The protein encoded by this gene is a cytokine receptor for interleukin 21 (IL21). It belongs to the type I cytokine receptors; and has been shown to form a heterodimeric receptor complex with the common gamma-chain; a receptor subunit also shared by the receptors for interleukin 2; 4; 7; 9; and 15. This receptor transduces the growth promoting signal of IL21; and is important for the proliferation and differentiation of T cells; B cells; and natural killer (NK) cells. The ligand binding of

> this receptor leads to the activation of multiple downstream signaling molecules; including JAK1; JAK3; STAT1; and STAT3. Knockout studies of a similar gene in mouse suggest a role for this gene in regulating immunoglobulin production. Three alternatively spliced transcript variants have been

described.

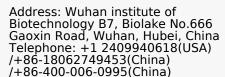
Usage Research use only

Conjugate PE-conjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.



Email: info@dimabio.com Website: www.dimabio.com

