Cat. No. DMC100225



PRODUCT INFORMATION

Clone ID DMC225
Target IL21R

Synonyms CD360; IMD56; NILR

Host Species Rabbit

Description Anti-IL21R antibody(DMC225); IgG1 Chimeric mAb

Delivery In Stock Uniprot ID Q9HBE5

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal
Reactivity Human

Applications ELISA; Flow Cyt

Recommended Dilutions

ELISA 1:5000-10000; Flow Cyt 1:100

Purification Purified from cell culture supernatant by affinity

chromatography

Formulation & Reconstitution

Storage & Shipping

Background

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.

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

témperature.

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; Bells; and interest in the proliferation and the standard of the proliferation of the proliferation and the standard of 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

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

described.

Usage Research use only





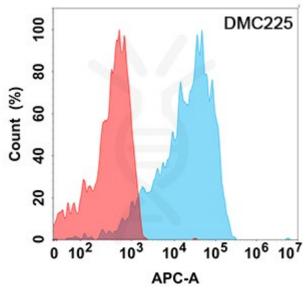


Figure 1. Flow cytometry analysis with Anti-IL21R (DMC225) on Expi293 cells transfected with human IL21R (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

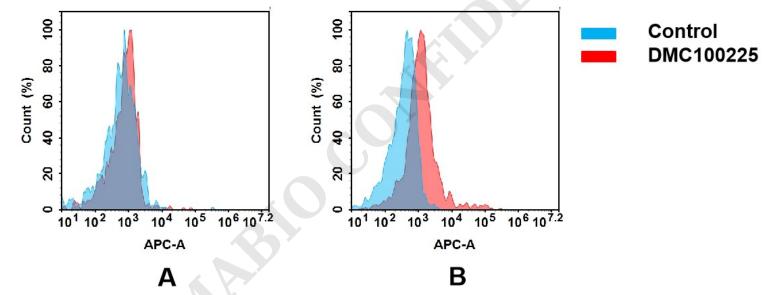
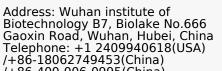


Figure 2. Flow cytometry analysis of antigen binding of anti-human IL21R mAb(DMC100225). (A) DMC100225 does not bind to 293T cells that do not express IL21R. (B) A clear peak shift of DMC100225 was seen compared to the control when incubated with IL21R-expressing Raji cells, indicating strong binding of DMC100225 to IL21R. Antibodies were incubated at 5 μ g/mL.

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



/+86-400-006-0995(China)

