

Datasheet for ABIN7608286

anti-IL21 Receptor antibody (Biotin)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	IL21 Receptor (IL21R)
Reactivity:	Human
Host:	Human, Rabbit
Clonality:	Chimeric
Conjugate:	This IL21 Receptor antibody is conjugated to Biotin
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Biotinylated Anti-IL21R antibody(DMC225), IgG1 Chimeric mAb
Clone:	DMC225
Isotype:	IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	IL21 Receptor (IL21R)
Alternative Name:	IL21R (IL21R Products)
Background:	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

Target Details

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.

UniProt: [Q9HBE5](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: ELISA 1:5000-10000, Flow Cyt 1:100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months