

12-9209-PE: PE-conjugated Anti-IL21R antibody(DMC225); IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	DMC225
Application :	Flow Cyt
Reactivity :	Human
Conjugate :	PE-conjugated
Gene :	IL21R
Uniprot ID :	Q9HBE5
Alternative Name :	CD360; IMD56; NILR
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

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.

Product Info

Amount :	100 Test
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Liquid PBS with 0.05% Proclin300, 1% BSA
Storage condition :	Store at 2°C-8°C for 6 months

Application Note

Flow Cyt 1:100