

IL21

产品信息

产品名称	产品货号	产品规格
IL21	ORS7265PAb	50 μ l/100 μ l/1ml

产品简介

IL-21 was identified by a functional screening from conditioned medium of activated T cells using Baf3-IL-21R transfectants. In normal B cells, IL-21 can mediate cell proliferation, growth arrest, and terminal differentiation, or apoptosis, depending on their activation status. IL-21 enhances B cell proliferation following incubation with an activating CD40 antibody. This result suggests that IL-21 enhances B cell function following T and B cell interactions. Nevertheless, IL-21 inhibits the proliferation of murine and human B cells stimulated with anti-IgM antibodies. In addition, IL-21 enhances proliferation, cytotoxic activity, and IFN- γ production by CD8-effector T cells, and induces terminal differentiation of activated natural killer (NK) cells. Also, IL-21 can drive Th17 responses in conjunction with TGF- β . Nevertheless, IL-21 is not essential for the differentiation of Th17 cells in vitro or in vivo, as it was showed using IL-21 and IL-21R-deficient mice. IL-6 induces the production of IL-21 from CD4 T cells upon TCR stimulation. In addition, IL-6 and IL-21 are key players in the Tfh differentiation, characterized by increased protein expression of both Bcl-6 and CXCR5. IL-21R complex is formed with the IL-21R-alpha chain and the common subunits (γ c) shared with other interleukins, such as IL-2, IL-4, IL-7, IL-9, and IL-15.

产品性质

Alias: CVID11, IL-21, Za11

Clonality: Recombinant Mouse Monoclonal Antibody

Antibody Type: Primary antibody

Swissprot: Q9HBE4

Clone: 2K7

Entrez GeneID: -

Host\Isotype: Mouse IgG2a

Reactivity: Human

Purification: affinity purified by Protein G

Applications: FCM=1/100-1/200

Immunogen: -



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Formulation: Purified antibody in PBS with 0.05% sodium azide.

Traits: liquid

Concentration: -

Storage: Store at 4° C short term. Aliquot and store at -20° C long term. Avoid freeze/thaw cycles.

注意事项:

1. This product is for scientific research purposes only.
2. Avoid repeated freeze-thaw cycles.
3. For your safety and health, please wear a lab coat and disposable gloves



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