

## Datasheet for ABIN7456559 **anti-IL-21 antibody (APC)**

[Go to Product page](#)

### Overview

Quantity:	20 tests
Target:	IL-21 (IL21)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-21 antibody is conjugated to APC
Application:	Intracellular Flow Cytometry (ICFC)

### Product Details

Clone:	3A3-N2
Isotype:	IgG1, kappa

### Target Details

Target:	IL-21 (IL21)
Alternative Name:	IL-21 ( <a href="#">IL21 Products</a> )
Background:	Interleukin-21,IL-21,Za11,Interleukin 21 (IL-21) is a potent immunomodulatory cytokine mainly produced by NKT and CD4+ T-cells, particularly the inflammatory Th17 subset, and has pleiotropic effects on both innate and adaptive immune responses. These actions include positive effects such as enhancing proliferation of NK cells and cytotoxic T cells, and inhibitory effects on the antigen-presenting function of dendritic cells. It can also be proapoptotic for B cells and NK cells. Studies have shown that IL-21 is also an autocrine cytokine that potently

## Target Details

	induces Th17 differentiation, suppresses Foxp3 expression, and serves as a target for treating inflammatory diseases.
Gene ID:	59067
UniProt:	<a href="#">Q9HBE4</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

Application Notes:	The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Comment:	Matching Isotype Control: APC Mouse IgG1, κ Isotype Control (ABIN7469762)
Restrictions:	For Research Use only

## Handling

Buffer:	PBS with 0.05 % Proclin300, 1 % BSA
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.