

Datasheet for ABIN7457148 **anti-IL-21 antibody (PE)**

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Overview

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

Product Details

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| Clone: | 3A3-N2 |
| Isotype: | IgG1, kappa |

Target Details

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| Target: | IL-21 (IL21) |
| Alternative Name: | IL-21 (IL21 Products) |
| 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

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

Application Details

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| 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: PE Mouse IgG1, κ Isotype Control (ABIN7469761) |
| Restrictions: | For Research Use only |

Handling

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| 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. |