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# Anti-CD123-AcalephFluor647-labled

Catalog # AP100960

## Product Information

| | |
|---|---|
| **Application** | FC, IF/IC |
| **Primary Accession** | P26951 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Calculated MW** | 43330 |

## Additional Information

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|---|---|
| **Gene ID** | 3563 |
| **Other Names** | IL3R; Interleukin-3 receptor subunit alpha; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA; CD antigen CD123 |
| **Target/Specificity** | Recognizes human CD123 |
| **Dilution** | FC~~1:10~50 IF/IC~~N/A |
| **Format** | Mouse IgG1. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

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|---|---|
| **Name** | IL3RA ( HGNC:6012) |
| **Synonyms** | IL3R |
| **Function** | Cell surface receptor for IL3 expressed on hematopoietic progenitor cells, monocytes and B-lymphocytes that controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells (PubMed:10527461). Ligand stimulation rapidly induces hetrodimerization with IL3RB, phosphorylation and enzyme activity of effector proteins such as JAK2 and PI3K that play a role in signaling cell proliferation and differentiation. Activation of JAK2 leads to STAT5-mediated transcriptional program (By similarity). |
| **Cellular Location** | Cell membrane; Single-pass type I membrane protein |

## Background

AcalephFluor647-labled mouse monoclonal antibody to CD123

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.