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# Anti-CD23-AcalephFluor405-labled

Catalog # AP100587

## Product Information

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|---|---|
| **Application** | FC, IF/IC |
| **Primary Accession** | P06734 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Calculated MW** | 36469 |

## Additional Information

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|---|---|
| **Gene ID** | 2208 |
| **Other Names** | CD23A; CLEC4J; FCE2; IGEBF; Low affinity immunoglobulin epsilon Fc receptor; BLAST-2; C-type lectin domain family 4 member J; Fc-epsilon-RII; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; CD antigen CD23) |
| **Target/Specificity** | Recognizes human CD23 |
| **Dilution** | FC~~1:10~50 IF/IC~~N/A |
| **Format** | Mouse IgG1 kappa. 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** | FCER2 |
| **Synonyms** | CD23A, CLEC4J, FCE2, IGEBF |
| **Function** | Low-affinity receptor for immunoglobulin E (IgE) and CR2/CD21. Has essential roles in the regulation of IgE production and in the differentiation of B cells. On B cells, initiates IgE-dependent antigen uptake and presentation to T cells (PubMed:2167225). On macrophages, upon IgE binding and antigen cross-linking induces intracellular killing of parasites through activation of L-Arginine- nitric oxide pathway (PubMed:7544003). |
| **Cellular Location** | Cell membrane; Single-pass type II membrane protein. Cell membrane; Lipid-anchor. Secreted. Note=Also exists as a soluble excreted form, sCD23 |
| **Tissue Location** | Detected in urine (at protein level). |

## Background

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