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# Anti-CD16/CD32-AcalephFluor555-labled

Catalog # AP101341

## Product Information

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|---|---|
| **Application** | FC, IF/IC |
| **Primary Accession** | P08101, P08508 |
| **Reactivity** | Mouse |
| **Clonality** | Monoclonal |
| **Calculated MW** | 36695 |

## Additional Information

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|---|---|
| **Gene ID** | 14130 |
| **Other Names** | CD32; FCG2; IGFR2; Low affinity immunoglobulin gamma Fc region receptor II-b; IgG Fc receptor II-b; CDw32; Fc-gamma RII-b; Fc-gamma-RIIb; FcRII-b; CD32 |
| **Target/Specificity** | Recognizes mouse CD16/CD32 |
| **Dilution** | FC~~1:10~50 IF/IC~~N/A |
| **Format** | Rat IgG2b. 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** | Fcgr2 |
| **Synonyms** | Fcgr2b, Ly-17 |
| **Function** | Receptor for the Fc region of complexed immunoglobulins gamma. Low affinity receptor. Involved in a variety of effector and regulatory functions such as phagocytosis of antigen-antibody complexes from the circulation and modulation of antibody production by B-cells. Isoform IIB1 and isoform IIB1' form caps but fail to mediate endocytosis or phagocytosis. Isoform IIB2 can mediate the endocytosis of soluble immune complexes via clathrin-coated pits. Isoform IIB1 and isoform IIB2 can down-regulate B-cell, T-cell, and mast cell activation when coaggregated to B-cell receptors for AG (BCR), T-cell receptors for AG (TCR), and Fc receptors, respectively. |
| **Cellular Location** | Cell membrane; Single-pass type I membrane protein [Isoform IIB3]: Secreted. Note=Released as a soluble molecule |
| **Tissue Location** | Widely expressed by cells of hemopoietic origin. The isoforms are differentially expressed. Isoform IIB1 is preferentially expressed by cells of |

the lymphoid lineage, isoform IIB2 by cells of the myeloid lineage, and isoform IIB3 is released by macrophages and is present in the serum. Isoform IIB1' is expressed in myeloid and lymphoid cell lines, in normal spleen cells, and in resting or LPS-activated B-cells but is not detected in mesenteric lymph node cells

## Background

AcalephFluor555-labled rat monoclonal antibody to CD16/CD32

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