abcam

ab30355

# Biotin Anti-CD32B + CD32A antibody [AT10]

Anti-CD32B + CD32A antibody [AT10] conjugated to Biotin - suitable for flow cytometry, and reacts with human samples. Clone [AT10] is a mouse monoclonal antibody cited in 33 publications.

## Key facts

| | |
|---|---|
| **Isotype** | IgG1 |
| **Host species** | Mouse |
| **Conjugation** | Biotin |
| **Storage buffer** | pH: 7.4 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA |
| **Form** | Liquid |
| **Clonality** | Monoclonal |
| **Immunogen** | Cell preparation containing FCGR2B protein. The exact immunogen used to generate this antibody is proprietary information. Database link P31994 |
| **Clone number** | AT10 |
| **Purification technique** | Affinity purification Protein A |
| **Specificity** | According to the CD32A + CD32B Cluster workshop (Leucocyte Typing V, pp823, pp828), clone AT10 reacts equally well with both Fc gamma RII a and b-expressing cells. |
| **Concentration** | 0.1 mg/mL The concentration of this product may be batch-dependent<br>Batch concentration finder → |

## Reactivity data

## Flow Cyt

**Tested**

| | |
|---|---|
| **Species** | Human |
| **Dilution info** | 10 µL for $10^6$ Cells |
| **Notes** | ab18434 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

## Target data

See full target information FCGR2B

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|---|---|
| **Function** | Receptor for the Fc region of complexed or aggregated immunoglobulins gamma. Low affinity receptor. Involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells. Binding to this receptor results in down-modulation of previous state of cell activation triggered via antigen receptors on B-cells (BCR), T-cells (TCR) or via another Fc receptor. Isoform IIB1 fails to mediate endocytosis or phagocytosis. Isoform IIB2 does not trigger phagocytosis. |

## Storage

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|---|---|
| **Shipped at conditions** | Blue Ice |
| **Appropriate short-term storage duration** | 1-2 weeks |
| **Appropriate short-term storage conditions** | +4°C |
| **Appropriate long-term storage conditions** | -20°C |
| **Storage information** | Avoid freeze / thaw cycle |

## Product promise

**Tested**

We have tested this species and application combination and it works. It is covered by our product promise.

**Expected**

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

**Predicted**

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

**Not recommended**

We do not recommend this combination. It is not covered by our product promise.

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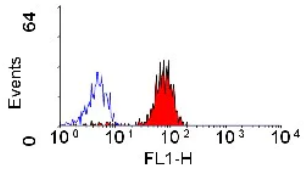
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In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
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## 1 product image




### Flow Cytometry - Biotin Anti-CD32B + CD32A antibody [AT10] (ab30355)

CD32B + CD32A Flow Cytometry staining using mouse Anti-CD32B + CD32A antibody

Flow cytometric analysis of human peripheral blood monocytes with 10µl for $10^6$ cells of anti human CD32A + CD32B Biotin conjugated (ab30355).

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