

Biotin Anti-Mouse CD16/32 Antibody[2.4G2]

Catalog Number: E-AB-F0997B

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

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|------------------------|---|
| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Clone No. | 2.4G2 |
| Isotype Control | Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843B] |
| Conjugation | Biotin |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

Applications

Recommended usage

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| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{L}$ volume or $100 \mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. |
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Preparation & Storage

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| Storage | Keep as concentrated solution. This product can be stored at $2-8^{\circ}\text{C}$ for 12 months. Do not freeze. |
| Shipping | Ice bag |

Antigen Information

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| Alternate Names | CD16a/b;CD32;CD32AB;FCG2A;FCGR2A/BFCGR3;FCGR3A/B;Fc fragment of IgG low affinity IIIa/b receptor;Fc fragment of IgG low affinity IIIb receptor;Fc fragment of IgG low affinity IIa/b receptor;Fc gamma RIIa/bFc gamma receptor III A/B;FcGR |
| Uniprot ID | P08508;P08101 |
| Gene ID | 14130,14131 |
| Background | CD16 is low affinity IgG Fc receptor III (FcR III) and CD32 is FcR II. CD16/CD32 are expressed on B cells, monocytes/macrophages, NK cells, granulocytes, mast cells, and dendritic cells. The Fc receptors bind antibody-antigen immune complexes and mediate adaptive immune responses. |

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