

## Biotin Anti-Mouse CD25 Antibody[PC-61.5.3]

Catalog Number: GFH1102B

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

### Description

|                 |                                                                        |
|-----------------|------------------------------------------------------------------------|
| Reactivity      | Mouse                                                                  |
| Host            | Rat                                                                    |
| Isotype         | Rat IgG1, $\kappa$                                                     |
| Clone No.       | PC-61.5.3                                                              |
| Isotype Control | Biotin Rat IgG1, $\kappa$ Isotype Control[HRPN] [Product E-AB-F09823B] |
| Conjugation     | Biotin                                                                 |
| Storage Buffer  | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.    |

### 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.<br>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 | IL-2 receptor subunit alpha;IL-2-RA;IL-2R subunit alpha;IL2-RA;IL2RA;Interleukin-2 receptor subunit alpha;TAC antigen;p55                                                                                                                                                                                                               |
| Gene ID         | 16184                                                                                                                                                                                                                                                                                                                                   |
| Background      | CD25 is a 55 kD glycoprotein, also known as the low affinity IL-2R $\alpha$ , Ly-43, p55, or Tac. It is expressed on activated T and B cells, thymocyte subset, pre-B cells, and T regulatory cells. In association with CD122 (IL-2R $\beta$ ) and CD132(common $\gamma$ chain), CD25 forms the high affinity signaling IL-2 receptor. |