# PE Anti-Human CD25 Anyibody[7G7B6]

**Catalog Number:** AN00755D

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

## Description

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| **Reactivity** | Human |
| **Host** | Mouse |
| **Isotype** | Mouse IgG2a |
| **Clone No.** | 7G7B6 |
| **Isotype Control** | PE Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802D] |
| **Conjugation** | PE |
| **Conjugation Information** | PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter). |
| **Storage Buffer** | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |

| Applications | Recommended usage |
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| **FCM** | Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |

## Preparation & Storage

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| **Storage** | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| **Shipping** | Ice bag |

## Antigen Information

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| **Alternate Names** | IMD;IDDM;IL2RA;CD25;IDDM10;IL2R;IMD41;TCGFR;p55;IL-2 receptor subunit alpha;IL-2R subunit alpha;IL2-RA;IL-2-RA;IL-2Rα;Interleukin-2 receptor subunit alpha;TAC antigen;Tac;p55;IL-2R&;alpha;alpha chain;CD25 antigen;IL 2 receptor alpha subunit;IL2 RA;Interleukin 2 receptor;Interleukin 2 receptor alpha;Interleukin 2 receptor alpha chain;t-cell growth factor receptor |
| **Uniprot ID** | P01589 |
| **Gene ID** | 3559 |
| **Background** | The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency. |


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