

Purified Anti-Human CD25 Antibody[7G7B6]

catalog number: AN007550P

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

Description

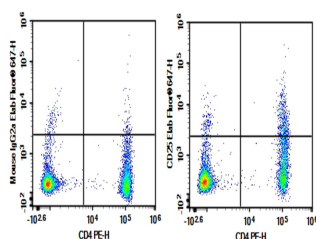
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|--------------|---|
| Reactivity | Human |
| Immunogen | Recombinant Human CD25 protein |
| Host | Mouse |
| Isotype | Mouse IgG2a, κ |
| Clone | 7G7B6 |
| Purification | >98%, Protein A/G purified |
| Conjugation | Unconjugated |
| Buffer | PBS, pH 7.2. Contains 0.05% Proclin300. |

Applications

Recommended Dilution

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|-----|---|
| FCM | 2 $\mu\text{g/mL}$ (0.5×10^6 - 1×10^6 cells) |
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Data



Human peripheral blood lymphocytes cell were stained with 0.2 μg Purified Anti-Human CD25 Antibody[7G7B6] (Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed

by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD4 PE-conjugated Monoclonal Antibody.

Preparation & Storage

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| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | Ice bag |

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.