APC Anti-Human CD25 Anyibody[7G7B6]

Catalog Number: AN00755E

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

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a
Clone No.	7G7B6
Isotype Control	APC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications	Recommended usage
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

Storage	Keep as concentrated solution. 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

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 proteolyisis. 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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