

A Reliable Research Partner in Life Science and Medicine

AF/LE Purified Anti-Human CD25 Antibody[7G7B6]

catalog number: AN007550

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

Description

Reactivity Human

Immunogen Recombinant Human CD25 protein

Host Mouse

Isotype Mouse IgG2a, κ

Clone 7G7B6

Purification >98%, Protein A/G purified

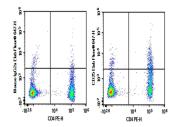
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications Recommended Dilution

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

Data



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

followed by Elab Fluor $^{\circledR}$ 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD4 PE-

conjugated Monoclonal Antibody.

Preparation & Storage

Storage Storage, avoid freeze /

thaw cycles. This preparation contains no preservatives, thus it should be handled

under as eptic conditions.

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 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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