

# Purified Anti-Human CD25 Antibody[YTH906.9HL]

catalog number: AN004410P

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

## Description

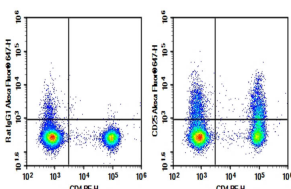
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD25 protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b, $\kappa$
<b>Clone</b>	YTH906.9HL
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	PBS, pH 7.2. Contains 0.05% proclin 300.

## Applications

## Recommended Dilution

<b>FCM</b>	2 $\mu\text{g}/\text{mL}$ ( $1 \times 10^5$ - $5 \times 10^5$ cells)
------------	--

## Data



Human peripheral blood lymphocytes were stained with 0.2  $\mu\text{g}$  Purified Anti-Human CD25 Antibody[YTH906.9HL] (Right) and 0.2  $\mu\text{g}$  Rat IgG2b,  $\kappa$  Isotype Control (Left), followed by Alexa Fluor<sup>®</sup> 647-conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Human CD4 PE-conjugated Monoclonal Antibody.

## Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Order now, ship in 3 days

## 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.

## For Research Use Only