

## Purified Anti-Mouse CD25 Antibody[3C7]

catalog number: AN009360P

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

### Description

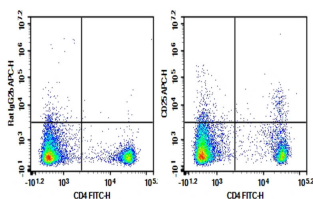
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD25 protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b, $\kappa$
<b>Clone</b>	3C7
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

**FCM**  $\leq 0.2 \mu\text{g}$  per million cells in 100  $\mu\text{L}$  volume

### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu\text{g}$  Purified Anti-Mouse 25 Antibody[3C7](Right) and 0.2  $\mu\text{g}$  Rat IgG2b,  $\kappa$  Isotype Control (Left), followed by APC-

conjugated Goat Anti-Rat IgG Secondary Antibody, then anti-Mouse CD4 FITC-conjugated Monoclonal Antibody.

### Preparation & Storage

**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

CD25 is a 55 kD glycoprotein, also known as the low affinity IL-2R $\alpha$ , Ly-43, p55, or Tac. It is expressed on activated T and B cells, thymocyte subset, pre-B cells, and T regulatory cells. In association with CD122 (IL-2R $\beta$ ) and CD132 (common  $\gamma$  chain), CD25 forms the high affinity signaling IL-2 receptor.

### For Research Use Only