

## Purified Anti-Mouse CD25 Antibody[2E4]

catalog number: AN006190P

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

### Description

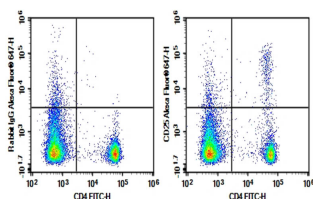
|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Mouse  |
| <b>Immunogen</b>    | Recombinant Mouse CD25 protein   |
| <b>Host</b>         | Rabbit   |
| <b>Isotype</b>      | Rabbit IgG, $\kappa$   |
| <b>Clone</b>        | 2E4  |
| <b>Purification</b> | >98%, Protein A/G purified   |
| <b>Conjugation</b>  | Unconjugated   |
| <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

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

### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu\text{g}$  Purified Anti-Mouse CD25 Antibody[2E4] (Right) and 0.2  $\mu\text{g}$  Rabbit IgG,  $\kappa$  Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Rabbit IgG Secondary Antibody, then anti-Mouse CD4 FITC-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> | Ice bag  |

### Background

Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.