

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD25 Monoclonal Antibody(AF647  
Conjugated)

**Catalog:** DL21225F

**Synonyms:** Interleukin-2 receptor subunit alpha, IL2RA, IL-2  
receptor subunit alpha, IL-2-RA, IL-2R subunit  
alpha, IL2-RA, TAC antigen, p55, p55

**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.

**Form:** Liquid

**Isotype:** Rat IgG1,  $\kappa$

**Size:** 25µg/100µg

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 0.5 mg/mL

**Conjugation:** AF647

**SwissProt:** P01590

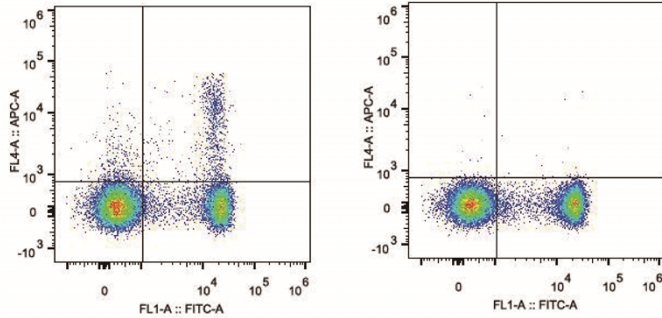
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup>cells in 100 µL volume].

### Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD25 Monoclonal Antibody(AF647 Conjugated)[Used at 0.2 µg/10<sup>6</sup> cells dilution]and Anti-Mouse CD4 Monoclonal Antibody(FITC Conjugated). Splenocytes stained with Anti-Mouse CD4 Monoclonal Antibody(FITC Conjugated)and Rat IgG1 Isotype Control(AF647 Conjugated)(right) are used as control.



### Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.