

### Antibody Data

|                      |                 |               |                  |
|----------------------|-----------------|---------------|------------------|
| <b>Product SKU:</b>  | <b>AGEL3249</b> | <b>Clone:</b> | <b>PC-61.5.3</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |                  |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |                  |

### Important Note:

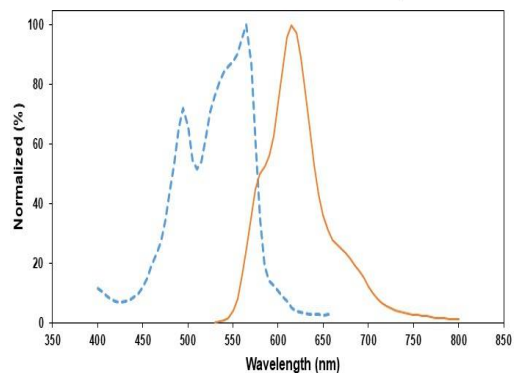
Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information:

**Alternate Names:** Interleukin-2 receptor subunit alpha;IL2RA;IL-2 receptor subunit alpha;IL-2-RA;IL-2R subunit alpha;IL2-RA;TAC antigen;p55;p55;  
**Uniprot ID:** P01590  
**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  
**Conjugation:** PE/Genie Fluor594  
**Size:** 25 $\mu$ g, 100 $\mu$ g  
**Host Species:** Rat  
**Isotype:** Rat IgG1,  $\kappa$

94 Excitation and Emission Spectra



**Isotype Control:** PE/Genie Fluor 594 Rat IgG1,  $\kappa$  Isotype Control[HRPN] [Product AGEL3249]  
**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.  
**Shipping:** Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** 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].

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