

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD25 Monoclonal  
Antibody(PE/Cyanine5.5 Conjugated)

**Catalog:** DL22131F

**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 type I transmembrane glycoprotein also known as the low affinity IL-2 receptor  $\alpha$  chain or Tac. It is expressed on progenitor lymphocytes, activated T and B cells, and activated monocytes/macrophages. CD25 is also expressed on a subset of non-stimulated CD4<sup>+</sup> T cells termed T regulatory cells. CD25 associates with the IL-2 receptor  $\beta$  (CD122) and common  $\gamma$  chains (CD132) to form the high affinity IL-2R complex.

**Form:** Liquid

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

**Size:**

20Tests/100Tests/100Tests $\times$ 2

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** PE/Cyanine5.5

**SwissProt:** P01589

**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. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### **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.