

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD5 Monoclonal Antibody(AF488  
Conjugated)

**Catalog:** DL22027F

**Synonyms:** Ly-1, Lyt-1, Lymphocyte antigen 1, CD5, Cd5

**Background:** CD5 is a 67 kD protein, also known as Lyt-1, Ly-1, T1, Tp67, or Ly-12. It is a member of the scavenger receptor cysteine-rich protein superfamily (SRCR) and primarily expressed on thymocytes, T cells, and B-1 cells. Although mature  $\alpha/\beta$  T cells express high levels of CD5, very few  $\gamma/\delta$  T cells express this antigen. The interaction of CD5 with CD72, gp35-37, TCR, or BCR is involved in T and B cell activation.

**Form:** Liquid

**Isotype:** Rat IgG2a,  $\kappa$

**Size:**

50Tests/100Tests/100Tests×2

**Host:** Rat**Reactivity:** Mouse**Application:** FCM**Concentration:** 5  $\mu$ L**Conjugation:** AF488**SwissProt:** P13379

**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.