

**Antibody Data**

|                      |                 |               |               |
|----------------------|-----------------|---------------|---------------|
| <b>Product SKU:</b>  | <b>AGEL3377</b> | <b>Clone:</b> | <b>53-7.3</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |               |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |               |

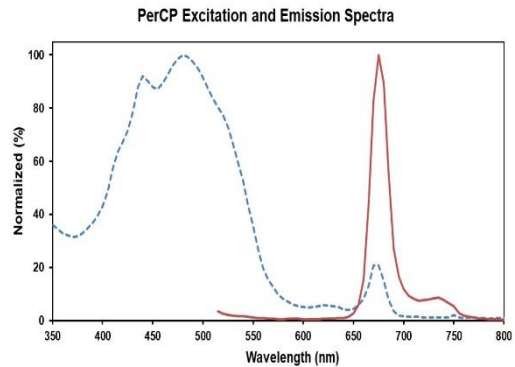
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Ly-1;Lyt-1;Lymphocyte antigen 1;CD5;Cd5;  
**Uniprot ID:** P13379  
**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  
**Conjugation:** PerCP  
**Size:** 25 $\mu$ g, 100 $\mu$ g  
**Host Species:** Rat  
**Isotype:** Rat IgG2a,  $\kappa$



Ex:440;480;675 nm; Em:675 nm

**Isotype Control:** PerCP Rat IgG2a,  $\kappa$  Isotype Control[2A3] [Product AGEL3377]  
**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].