

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL3334</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:**

<b>Alternate Names:</b>	Ly-1;Lyt-1;Lymphocyte antigen 1;CD5;Cd5;
<b>Uniprot ID:</b>	P13379
<b>Background:</b>	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.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	Biotin
<b>Size:</b>	25 $\mu$ g, 100 $\mu$ g
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2a, $\kappa$
<b>Isotype Control:</b>	Biotin Rat IgG2a, $\kappa$ Isotype Control[2A3] [Product AGEL3334]
<b>Storage Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping:</b>	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. For flow cytometric staining, the suggested use of this reagent is  $\leq 1.0 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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