

**GenieFluor Red 780 Anti-Mouse CD3 Antibody [17A2]**

Catalogue Code: AGEL3053

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL3053</b>	<b>Clone:</b>	<b>17A2</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:** T-cell surface glycoprotein CD 3epsilon/delta/gamma/zeta chain;CD3E/D/G/Z;CD3e/d/g/z;CD3E/D/G/Z;CD3;

**Uniprot ID:** P04235 P11942 P22646 P24161

**Background:** CD3, also known as T3, is a member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3 is composed of CD3ε, δ, γ and ζ chains. It forms a TCR complex by associating with TCR α/β or γ/δ chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.

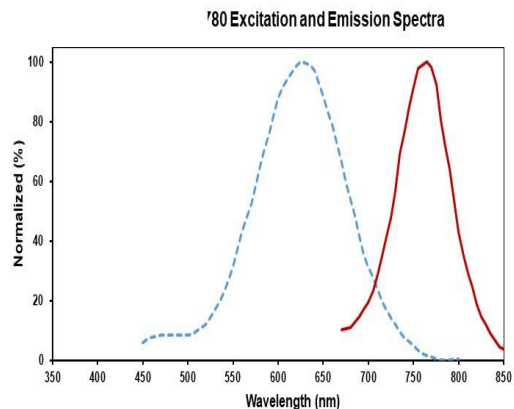
**Form:** Liquid

**Conjugation:** Genie FluorRed 780

**Size:** 25µg, 100µg

**Host Species:** Rat

**Isotype:** Rat IgG2b, κ



**Isotype Control:** Genie Fluor Red 780 Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL3053]

**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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