

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL2458</b>	<b>Clone:</b>	<b>G4.18</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Rat</b>		

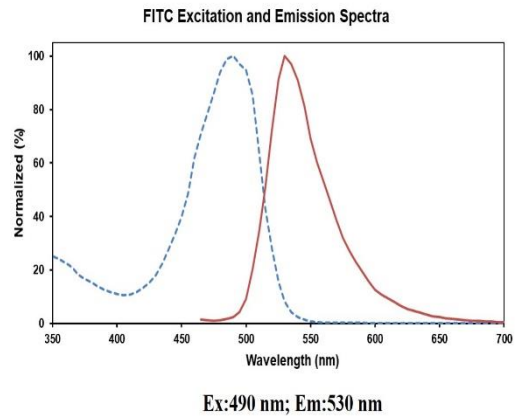
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** T-cell surface glycoprotein CD3  $\delta$ ;  $\gamma$ ;  $\epsilon$ ; and  $\zeta$  chains; CD3 Complex; T3; CD3;  
**Uniprot ID:** P19377 Q64159 D4A5M2  
**Background:** CD3 is a complex composed of  $\delta$ ,  $\gamma$ ,  $\epsilon$ , and  $\zeta$  chains. They are 20-25 kD members of the immunoglobulin superfamily and associated with the T cell receptor (TCR). CD3 is expressed on thymocytes, peripheral T cells, some NK-T cells, and dendritic epidermal T cells. CD3 is involved in antigen recognition, signal transduction, and T cell activation.

**Form:** Liquid  
**Conjugation:** FITC  
**Size:** 25 $\mu$ g, 100 $\mu$ g  
**Host Species:** Mouse  
**Isotype:** Mouse IgG3,  $\kappa$



**Isotype Control:** FITC Mouse IgG3,  $\kappa$  Isotype Control[A112-3] [Product AGEL2458]  
**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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