

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL3101</b>	<b>Clone:</b>	<b>G4.18</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Rat</b>		

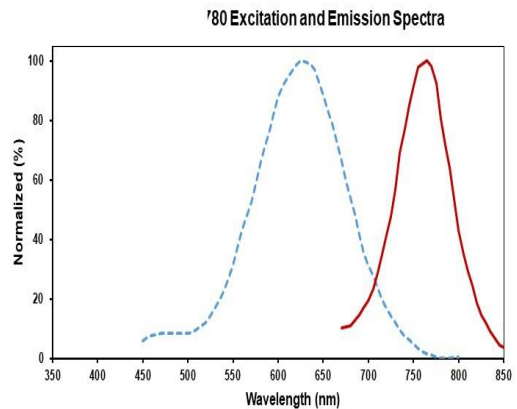
**Important Note:**

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:** Genie FluorRed 780  
**Size:** 50 Tests, 100 Tests, 200 Tests  
**Host Species:** Mouse  
**Isotype:** Mouse IgG3,  $\kappa$



**Isotype Control:** Genie Fluor Red 780 Mouse IgG3,  $\kappa$  Isotype Control[A112-3] [Product AGEL3101]  
**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. 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.