

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL1357</b>	<b>Clone:</b>	<b>OX-38</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Rat</b>		

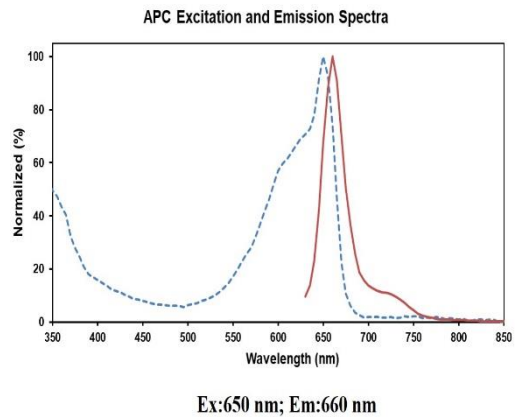
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** T-cell surface glycoprotein CD4;CD4;T-cell surface antigen T4/Leu-3;CD4;  
**Uniprot ID:** P05540  
**Background:** CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobulin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.

**Form:** Liquid  
**Conjugation:** APC  
**Size:** 25µg, 100µg  
**Host Species:** Mouse  
**Isotype:** Mouse IgG2a, κ



**Isotype Control:** APC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL1357]  
**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].