

**GenieFluor Violet 450 Anti-Rat CD4  
(domain 1) Antibody [OX-38]**  
Catalogue Code: AGEL3008

**Antibody Data**

|                      |                 |               |              |
|----------------------|-----------------|---------------|--------------|
| <b>Product SKU:</b>  | <b>AGEL3008</b> | <b>Clone:</b> | <b>OX-38</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |              |
| <b>Reactivity:</b>   | <b>Rat</b>      |               |              |

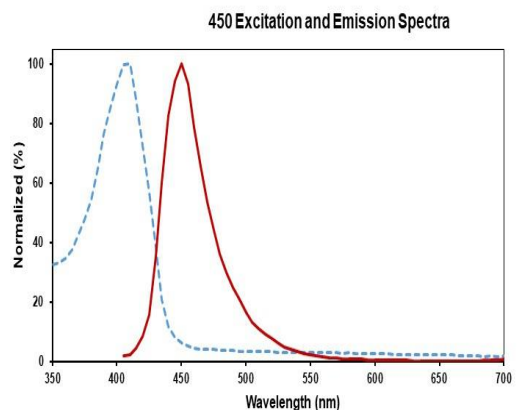
**Important Note:**

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:** Genie FluorViolet 450  
**Size:** 50 Tests, 100 Tests, 200 Tests  
**Host Species:** Mouse  
**Isotype:** Mouse IgG2a, κ



**Isotype Control:** Genie Fluor Violet 450 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product AGEL3008]  
**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.