

### Antibody Data

<b>Product SKU:</b>	<b>AGEL0774</b>	<b>Clone:</b>	<b>37.51</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-specific surface glycoprotein CD28;Cd28;CD28;

**Uniprot ID:** P31041

**Background:** CD28 is a 44 kD glycoprotein, also known as Tp44 or T44. It is a member of the Ig superfamily, expressed on thymocytes, most peripheral T cells, and NK cells. In association with CD80 (B7-1) and CD86 (B7-2), CD28 acts as the second signal for T and NK cell activation and proliferation. The 37.51 antibody has been reported to augment in vitro T cell proliferation and cytokine production, and promote CTL development.

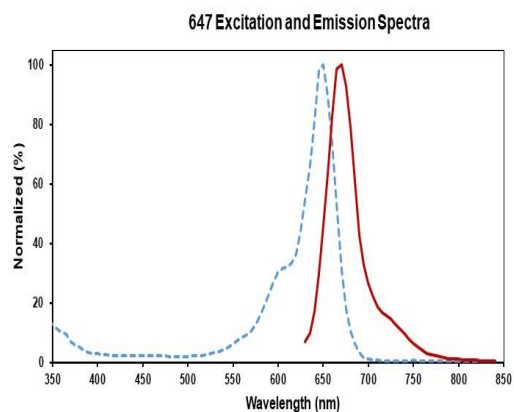
**Form:** Liquid

**Conjugation:** Genie Fluor647

**Size:** 25µg, 100µg

**Host Species:** Syrian Hamster

**Isotype:** Syrian Hamster IgG



**Isotype Control:** Genie Fluor 647 Syrian Hamster IgG Isotype Control[SHG-1] [Product AGEL0774]

**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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