

**GenieFluor 647 Anti-Mouse IL-17A  
Antibody [TC11-18H10.1]  
Catalogue Code: AGEL2757**

**Antibody Data**

|                      |                 |               |                     |
|----------------------|-----------------|---------------|---------------------|
| <b>Product SKU:</b>  | <b>AGEL2757</b> | <b>Clone:</b> | <b>TC11-18H10.1</b> |
| <b>Applications:</b> | <b>ICFCM</b>    |               |                     |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |                     |

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

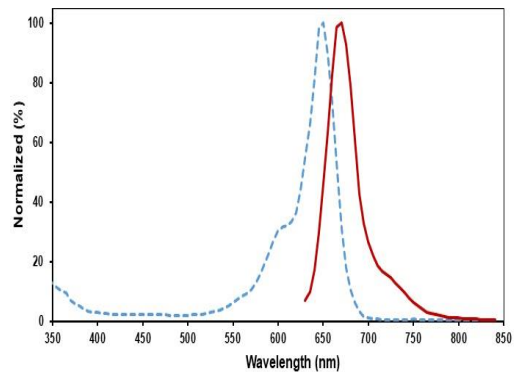
**Product Information:**

**Alternate Names:** Interleukin-17A;IL-17;IL-17A;Cytotoxic T-lymphocyte-associated antigen 8;CTLA-8;CTLA8;  
**Uniprot ID:** Q62386

**Background:** IL-17, also known as CTLA-8, is a T cell-expressed pleiotropic cytokine that exhibits a high degree of homology to a protein encoded by the ORF13 gene of herpes virus Saimiri. IL-17 is produced by Th cells (Th17) that are distinct from the traditional Th1- and Th2-cell subsets. IL-23 plays an important role in triggering IL-17 production. Both recombinant and natural IL-17 have been shown to exist as disulfide linked homodimers. IL-17 exhibits multiple biological activities on a variety of cells including: the induction of IL-6 and IL-8 production in fibroblasts, activation of NF-κB, and costimulation of T cell proliferation. IL-17 is an essential inflammatory mediator in the development of autoimmune diseases. Neutralization of IL-17 with monoclonal antibody is able to ameliorate the disease course.

**Form:** Liquid  
**Conjugation:** Genie Fluor647  
**Size:** 25µg, 100µg  
**Host Species:** Rat  
**Isotype:** Rat IgG1, κ

647 Excitation and Emission Spectra



**Isotype Control:** Genie Fluor 647 Rat IgG1, κ Isotype Control[HRPN] [Product AGEL2757]  
**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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