

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL3129</b>	<b>Clone:</b>	<b>17F3</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;Il17a;Ctla8;

**Uniprot ID:** Q62386

**Background:** The 17F3 monoclonal antibody reacts with mouse IL-17A a 15-20 kDa cytokine expressed by Th17 cells,  $\gamma\delta$  T cells, iNKT cells, NK cells, LTi cells, neutrophils, and intestinal Paneth cells. IL-17A has pleiotropic effects in immunoregulation and inflammation. It plays an important role in anti-microbial and chronic inflammation by inducing cytokine and chemokine production, neutrophil influx, and the production of antibacterial peptides but it is also an inflammatory mediator in the development of autoimmune diseases including rheumatoid arthritis, asthma, multiple sclerosis, and psoriasis. The 17F3 antibody has been shown to neutralize IL-49A in vivo.

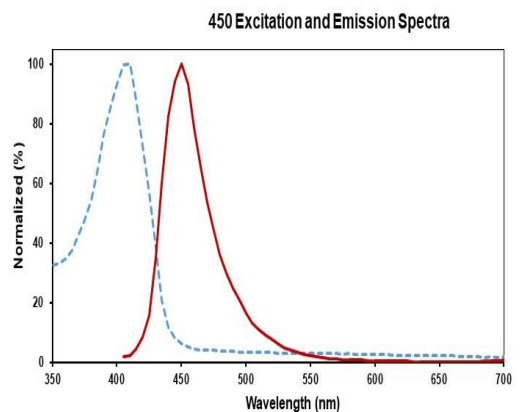
**Form:** Liquid

**Conjugation:** Genie FluorViolet 450

**Size:** 25 $\mu$ g, 100 $\mu$ g

**Host Species:** Mouse

**Isotype:** Mouse IgG1,  $\kappa$



**Isotype Control:** Genie Fluor Violet 450 Mouse IgG1,  $\kappa$  Isotype Control[MOPC-21] [Product AGEL3129]

**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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