

**Elab Fluor® Violet 450 Anti-Mouse IL-17A Antibody[17F3]**

<b>Catalog No.</b>	E-AB-F1272UQ	<b>Reactivity</b>	Mouse
<b>Storage</b>	Store at 2~8°C, Avoid freeze / thaw cycles	<b>Applications</b>	ICFCM

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Antigen Information**

<b>Alternate Names</b>	Interleukin-17A, IL17a, Ctlα8
<b>Uniprot ID</b>	Q62386
<b>Gene ID</b>	16171
<b>Background</b>	The 17F3 monoclonal antibody reacts with mouse IL-17A a 15-20 kDa cytokine expressed by Th17 cells, γδ T cells, iNKT cells, NK cells, LTα 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.

**Product Details**

<b>Form</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	25μg/100μg
<b>Clone No.</b>	17F3
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Reactivity</b>	Mouse
<b>Application</b>	ICFCM
<b>Isotype Control</b>	<a href="#">Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793Q]</a>
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
<b>Shipping</b>	Biological ice pack at 4 °C
<b>Stability &amp; Storage</b>	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. This product is guaranteed up to one year from purchase.

**For Research Use Only**

## Fluorophore

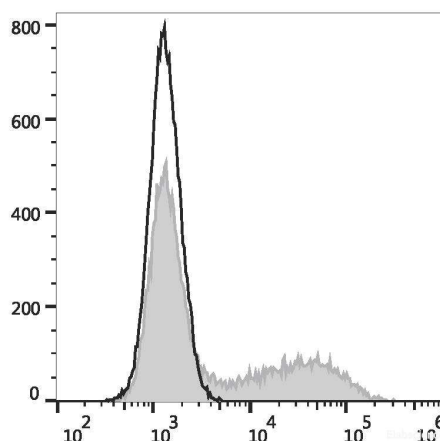
**Conjugation:** Elab Fluor® Violet 450

Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

## 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].

## Product data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IL-17A gene are stained with Elab Fluor® Violet 450 Anti-Mouse IL-17A Antibody (filled gray histogram) or Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control (empty black histogram).

## Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Intracellular Antigens for Flow Cytometry <https://www.elabscience.com/List-detail-5570.html>
3. Flow Cytometry Troubleshooting Tips <https://www.elabscience.com/List-detail-5593.html>
4. How to select the appropriate detection channel through the spectrogram? <https://www.elabscience.com/List-detail-459742.html>