

APC Anti-Mouse IL-17A Antibody[17F3]

Catalog No. E-AB-F1272UE

Storage Store at 2~8°C, Avoid freeze / thaw cycles

Reactivity Mouse

Applications ICFCM

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

Antigen Information

Alternate Names Interleukin-17A, IL17a, Ctl8

Uniprot ID Q62386

Gene ID 16171

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, LT α 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-38A in vivo.

Product Details

Form Liquid

Concentration 0.2 mg/mL

Size 25 μ g/100 μ g

Clone No. 17F3

Host Mouse

Isotype Mouse IgG1, κ

Reactivity Mouse

Application ICFCM

Isotype Control [APC Mouse IgG1, \$\kappa\$ Isotype Control\[MOPC-21\] \[Product E-AB-F09793E\]](#)

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.

This product is guaranteed up to one year from purchase.

Fluorophore

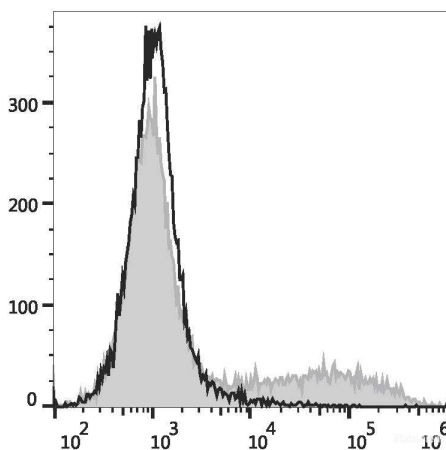
Conjugation: APC

APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 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 $\mu\text{g}/10^6$ cells in 100 μL volume].

Product data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse IL-17A gene are stained with APC Anti-Mouse IL-17A Antibody (filled gray histogram) or APC 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>