

## APC Anti-Mouse TCR $\gamma/\delta$ Antibody[UC7-13D5]

<b>Catalog No.</b>	E-AB-F1124E	<b>Reactivity</b>	Mouse
<b>Storage</b>	Store at 2~8°C, Avoid freeze / thaw cycles	<b>Applications</b>	FCM

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

### Antigen Information

<b>Alternate Names</b>	TCR- $\gamma/\delta$ , $\gamma/\delta$ TCR
<b>Background</b>	T cell receptor (TCR) is a heterodimer consisting of an $\alpha$ and a $\beta$ chain (TCR $\alpha/\beta$ ) or a $\gamma$ and a $\delta$ chain (TCR $\gamma/\delta$ ). TCR $\gamma/\delta$ belongs to the immunoglobulin superfamily, involved in the recognition of certain bacterial and tumor antigens bound to MHC class I. The TCR $\gamma/\delta$ associates with CD3 and is expressed on a T cell subset found in the thymus, the intestinal epithelium, and the peripheral lymphoid tissues and peritoneum. Most $\gamma/\delta$ T cells are CD4-/CD8-, some are CD8+. T cells expressing the TCR $\gamma/\delta$ have been shown to play a role in oral tolerance, tumor-associated tolerance, and autoimmune disease. It has been reported that $\gamma/\delta$ T cells also play a principal role in antigen presentation. Immobilized UC7-13D5 antibody has been reported to activate TCR- $\gamma/\delta$ -bearing T cells in vitro, and to deplete peripheral TCR- $\gamma/\delta$ -bearing T cells in vivo.

### Product Details

<b>Form</b>	Liquid
<b>Size</b>	50Tests/100Tests/500Tests
<b>Clone No.</b>	UC7-13D5
<b>Host</b>	Armenian Hamster
<b>Isotype</b>	Armenian Hamster IgG
<b>Reactivity</b>	Mouse
<b>Application</b>	FCM
<b>Isotype Control</b>	<a href="#">APC Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852E]</a>
<b>Storage Buffer</b>	PBS with 0.05% Proclin300, 1% BSA
<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

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 If you would like to learn more about antibodies, please visit [www.elabscience.com](http://www.elabscience.com).

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Applications: Activ- Activation; Block- Blocking; Separation- Cell Separation ; Cell Sep-Neg- Cell Separation by Negative Selection; FA- Functional Assay; Neut- Neutralization; Stim- Stimulation; FCM- Flow Cytometry; ICFCM: Intracellular Staining for Flow Cytometry; WB- Western Blotting; IHC- Immunohistochemistry; IF- Immunofluorescence; IP- Immunoprecipitation

## Fluorophore

**Conjugation:** APC

## Recommended usage

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

## Related Information

1. Sample Preparation for Flow Cytometry <https://www.elabscience.com/List-detail-5594.html>
2. Staining Cell Surface Targets for Flow Cytometry <https://www.elabscience.com/List-detail-5568.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>

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