

Purified Anti-Mouse TCR γ/δ Antibody[UC7-13D5]

Catalog No.	E-AB-F1124A	Reactivity	Mouse
Storage	Store at 2~8°C, Avoid freeze / thaw cycles	Applications	FCM

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

Antigen Information

Alternate Names	TCR- γ/δ , γ/δ TCR
Background	T cell receptor (TCR) is a heterodimer consisting of an α and a β chain (TCR α/β) or a γ and a δ chain (TCR γ/δ). TCR γ/δ belongs to the immunoglobulin superfamily, involved in the recognition of certain bacterial and tumor antigens bound to MHC class I. The TCR γ/δ 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 γ/δ T cells are CD4-/CD8-, some are CD8+. T cells expressing the TCR γ/δ have been shown to play a role in oral tolerance, tumor-associated tolerance, and autoimmune disease. It has been reported that γ/δ T cells also play a principal role in antigen presentation. Immobilized UC7-13D5 antibody has been reported to activate TCR- γ/δ -bearing T cells in vitro, and to deplete peripheral TCR- γ/δ -bearing T cells in vivo.

Product Details

Form	Liquid
Concentration	0.5 mg/mL
Size	25 μ g/100 μ g
Clone No.	UC7-13D5
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Reactivity	Mouse
Application	FCM
Isotype Control	Purified Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853A]
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Shipping	Biological ice pack at 4 °C
Stability & Storage	Keep as concentrated solution. Store at 2~8°C .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.

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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

Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{L}$ volume or $100 \mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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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