Product Datasheet

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

Catalogue Code: AGEL2245

Antibody Data

Product SKU:	**AGEL2245**	**Clone:**	**UC7-13D5**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: TCR-γ/δ; γ/δ TCR;

Uniprot ID: -

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.

Form: Liquid

Conjugation: None (AF/LE)

Size: 50µg, 500µg, 1mg

Host Species: Armenian Hamster

Isotype: Armenian Hamster IgG

Isotype Control: AF/LE Purified Armenian Hamster IgG Isotype Control[PIP] [Product AGEL2245]

Storage Buffer: 0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

Shipping: Biological ice pack at 4℃

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. For flow cytometric staining, the suggested use of this reagent is ≤ 1.0 µg per 106 cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.