Elabscience®

Purified Anti-Human TCRy/δ Antibody[B1]

catalog number: E-AB-F11450P

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

Description	
Reactivity	Human
Immunogen	Recombinant Human TCRγ/δ protein
Host	Mouse
Isotype	Mouse IgGl, ĸ
Clone	B1
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze
	to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution

FCM $2 \mu g/mL(1 \times 10^5 - 5 \times 10^5 \text{ cells})$

Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human TCR γ/δ Antibody[B1] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Mouse IgG

Secondary Antibody

Secondary A	nibody.
Preparation & Storage	
Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /
	thaw cycles.
Shipping	Ice bag

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 is involved in the recognition of certain bacterial, self-CD1 molecule, and tumor antigens bound to MHC class I. The γ/δ TCR associates with CD3 and is expressed on a subset of T cells 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 γ/δ TCR have been shown to play a role in oral tolerance, innate immune response for some tumor cells, and autoimmune disease. It has been reported that γ/δ T cells also play a principal role in antigen presentation.

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