

AF/LE Purified Anti-Human TCR γ/δ Antibody[B1]

catalog number: E-AB-F11450

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

Description

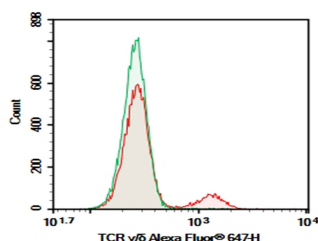
Reactivity	Human
Immunogen	Recombinant Human TCR γ/δ protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	B1
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method

Applications

Recommended Dilution

FCM	2 μ g/mL (1×10^5 - 5×10^5 cells)
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Data



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

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
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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