

Purified Anti-Mouse TCR γ/δ Antibody[GL3]

catalog number: E-AB-F1282A

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

Description

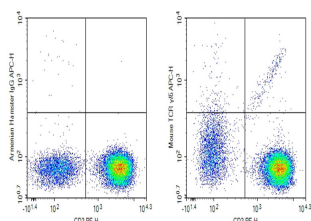
Reactivity	Mouse
Immunogen	Recombinant Mouse TCR γ/δ protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG2, κ
Clone	GL3
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM 2 $\mu\text{g/mL}$ (0.5×10^6 - 1×10^6 cells)

Data



Verified Samples in FCM: C57/BL6 Mouse splenocytes cell

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 belongs to the immunoglobulin superfamily, which is involved in the recognition of certain bacterial and tumor antigens bound to MHC class I. γ/δ TCR 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. T cells expressing the γ/δ TCR 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.

For Research Use Only