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## Biotin Anti-Mouse TCR γ/δ Antibody[GL3]

Catalog Number: E-AB-F1282B

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

Description

Reactivity Mouse

Armenian Hamster Host Isotype Armenian Hamster IgG

Clone No. GL3

Biotin Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853B] Isotype Control

Conjugation

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

**Applications** Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow **FCM** 

> cytometric staining, the suggested use of this reagent is  $\leq 1.0 \,\mu g$  per  $10^6$  cells in  $100 \,\mu L$ volume or 100 µL of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

**Preparation & Storage** 

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

**Shipping** Ice bag

**Antigen Information** 

**Alternate Names** T cell receptor y/δ **Uniprot ID** Q96E93:O88713 Gene ID 110066;110067

**Background** T cell receptor (TCR) is a heterodimer consisting of an  $\alpha$  and a  $\beta$  chain (TCR  $\alpha/\beta$ ) or a  $\gamma$ 

> 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. y/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. Most y/δ T cells are CD4-/CD8- although some are CD8+. T cells expressing the y/δ TCR have been shown to play a role in oral tolerance, tumor-associated tolerance, and autoimmune disease. It has been reported that y/\delta T cells also play a principal role in

antigen presentation.

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