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Biotin Anti-Mouse CD4 Antibody[GK1.5]

Catalog Number: E-AB-F1097B

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ Clone No. **GK1.5**

Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843B] Isotype Control

Biotin 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 L3T4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;T4

Uniprot ID P06332 Gene ID 12504

Background CD4 is a 55 kD protein also known as L3T4 or T4. It is a member of the lq superfamily.

primarily expressed on most thymocytes, a subset of T cells, and weakly on

macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC class II and associating with the

protein tyrosin kinase, lck.

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