

A Reliable Research Partner in Life Science and Medicine

# PE/Elab Fluor® 594 Anti-Mouse CD4 Antibody[GK1.5]

Catalog Number: E-AB-F1097UP

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

## **Description**

Reactivity Mouse Rat Host

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

Isotype Control PE/Elab Fluor® 594 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843P]

Conjugation PE/Elab Fluor® 594

**Conjugation Information** PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm

(e.g., a 610/20 nm bandpass filter).

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

#### **Applications** Recommended usage

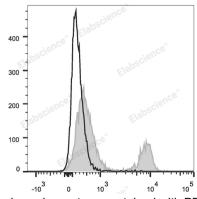
**FCM** Each lot of this antibody is quality control tested by flow cytometric analysis. Please

> check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the

> reagent to obtain optimal results [The recommended concentration is 0.1-1 μg/10<sup>6</sup> cells

in 100 µL volume].

#### Data



C57BL/6 murine splenocytes are stained with PE/Elab Fluor

® 594 Anti-Mouse CD4 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

#### **Preparation & Storage**

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

#### **Antigen Information**

L3T4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;T4 **Alternate Names** 

**Uniprot ID** P06332 Gene ID 12504

### For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017 Email:techsupport@elabscience.com

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#### **Elabscience Bionovation Inc.**

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#### **Background**

Elabscience®

CD4 is a 55 kD protein also known as L3T4 or T4. It is a member of the Ig 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, Ick.

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