

A Reliable Research Partner in Life Science and Medicine

PE/Elab Fluor® 594 Anti-Mouse CD4 Antibody[YTS191]

Catalog Number: AN00577P

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2b, κ
Clone No. YTS191

Isotype Control

PE/Elab Fluor® 594 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842P]

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).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

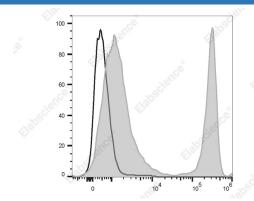
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Staining of C57BL/6 murine splenocytes cells with PE/Elab

Fluor[®] 594 Anti-Mouse CD4 Antibody[YTS191] (filled gray histogram) or PE/Elab Fluor[®] 594 Rat IgG2b, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

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

Alternate Names CD19 Molecule;CD19 Antigen;Differentiation Antigen CD19;B-Lymphocytes Surface

Web: www.elabscience.cn

Antigen B4;T-cell Surface Antigen Leu-12;CVID3;B4;B-lymphocyte Antigen CD19

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 Uniprot ID
 P15391

 Gene ID
 12504

BackgroundCD4 is a 55 kD protein, also known as L3T4 or T4. It is a member of the lg superfamily, primarily expressed on most thymocytes and a subset of T cells, and weakly on

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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.