

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 647 Anti-Mouse TCRβ Antibody[H57-597]

Catalog Number: E-AB-F1123M

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

Description

Reactivity Mouse

Host Armenian Hamster
Isotype Armenian Hamster IgG

Clone No. H57-597

Isotype Control Elab Fluor® 647 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852M]

Conjugation Elab Fluor® 647

Conjugation Information Elab Fluor[®] 647 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).

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

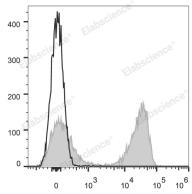
Applications Recommended usage

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

control.



C57BL/6 murine splenocytes are stained with Elab Fluor $^{\circledR}$ 647 Anti-Mouse TCR β Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as

Preparation & Storage

Storage Keep as concentrated solution.

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

Rev. V1.9

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names TCR-ββ-TCR;TCR-β chain

Gene ID 21577

For Research Use Only

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Background

Elabscience®

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- β is a member of the immunoglobulin superfamily and a component of the CD3/TCR complex (along with TCR- α). It is expressed on α/β TCR-bearing T cells and thymocytes. The CD3/TCR complex plays a key role in antigen recognition, signal transduction, and T cell activation.

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