

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Mouse TCRβ Antibody[H57-597]

Catalog Number: E-AB-F1123UQ

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® Violet 450 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-

F09853Q1

Conjugation Elab Fluor[®] Violet 450

Conjugation Information Elab Fluor[®] Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

Applications Recommended usage

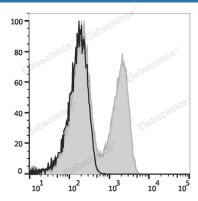
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

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 $\mu g/10^6$ cells

in 100 µL volume].

Data



C57BL/6 murine splenocytes are stained with Elab Fluor[®] Violet 450 Anti-Mouse TCRβ Antibody (filled gray histogram)

or Elab Fluor[®] Violet 450 Armenian hamster IgG Isotype Control (empty black histogram).

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 TCR- $\beta\beta$ -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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