

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Mouse TCRβ Antibody[H57-597]

Catalog Number: E-AB-F1123UM1

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® 700 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853M1]

Conjugation Elab Fluor® 700

Conjugation Information Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

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

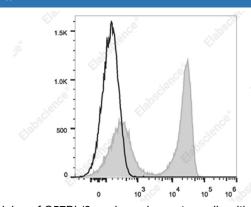
Applications Recommended usage

FCM

Data

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 μ g/10⁶ cells in 100 μ L volume].

in 100 μL volume



Staining of C57BL/6 murine splenocytes cells with Elab Fluor

[®] 700 Anti-Mouse TCRβ Antibody[H57-597 (HB218)] (filled gray histogram) or Elab Fluor[®] 700 Armenian Hamster IgG 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 $^{\circ}\text{C}$ for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping lce bag

Antigen Information

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

Gene ID 21577

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

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.

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web:www.elabscience.com
 Email:techsupport@elabscience.com