

A Reliable Research Partner in Life Science and Medicine

PE Anti-Mouse TCRβ Antibody[H57-597]

Catalog Number: E-AB-F1123D

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

Description

Reactivity Mouse

Armenian Hamster Host Isotype Armenian Hamster IgG

H57-597 Clone No.

PE Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852D] Isotype Control

Conjugation

Conjugation Information PE 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 575 nm (e.g., a 585/42

nm bandpass filter).

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

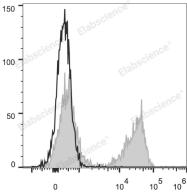
Applications Recommended usage

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 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



C57BL/6 murine splenocytes are stained with PE Anti-Mouse TCRβ 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

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

Gene ID 21577

For Research Use Only

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Background

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 TCRbearing 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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