

A Reliable Research Partner in Life Science and Medicine

PE/Elab Fluor® 594 Anti-Human CD37 Antibody[IPO-24]

Catalog Number: E-AB-F1063P

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG2b, κ

Clone No. IPO-24

Isotype Control

PE/Elab Fluor® 594 Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812P]

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% stabilizer.

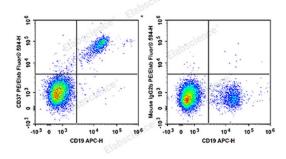
Applications Recommended usage

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



Human peripheral blood lymphocytes are stained with APC

Anti-Human CD19 Antibody and PE/Elab Fluor® 594 Anti-Human CD37 Antibody (Left). Lymphocytes are stained with

APC Anti-Human CD19 Antibody and PE/Elab Fluor[®] 594 Mouse IgG2b, κ Isotype Control (Right).

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 CD37;Leukocyte antigen CD37;TSPAN26;Tspan-26

Uniprot ID P11049

For Research Use Only

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Elabscience Bionovation Inc.

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Gene ID **Background**

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CD37 is a 40-52 kD type II transmembrane protein, also known as tetraspanin-26. It is a member of the transmembrane tetraspanin family. It can interact with integrins and other transmembrane 4 superfamily members (CD53, CD81, CD82). CD37 is expressed predominantly on B cells; low expression is detected on T cells and myeloid cells. No expression is reported on NK cells and plasma cells. It is involved in regulation of T cell proliferation.

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