

Elab Fluor® 647 Anti-Human CD37 Antibody[IPO-24]

Catalog Number: E-AB-F1063M

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

Description

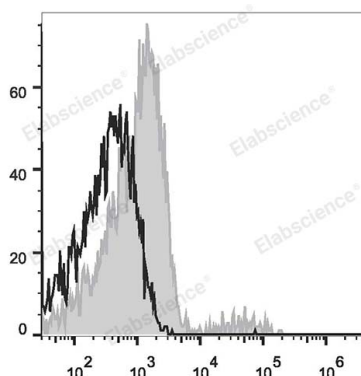
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2b, κ
Clone No.	IPO-24
Isotype Control	Elab Fluor® 647 Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812M]
Conjugation	Elab Fluor® 647
Conjugation Information	Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected using 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 and 1% protein protectant.

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.
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Data



Human peripheral blood lymphocytes are stained with Elab Fluor® 647 Anti-Human CD37 Antibody (filled gray histogram). Unstained lymphocytes (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	CD37;Leukocyte antigen CD37;TSPAN26;Tspan-26
Uniprot ID	P11049
Gene ID	951

For Research Use Only

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Rev. V1.6

Background

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.