

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

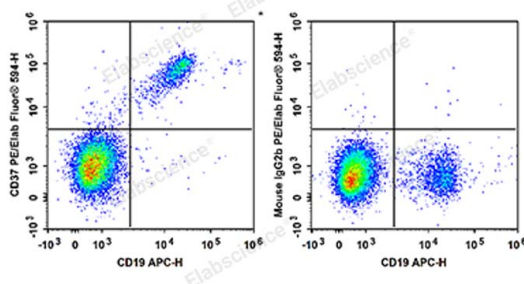
Catalog Number: GFH1063P

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% sodium azide.

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



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
Gene ID	951

For Research Use Only

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.