FITC Anti-Human CD37 Antibody[IPO-24]

Catalog Number: E-AB-F1063C

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

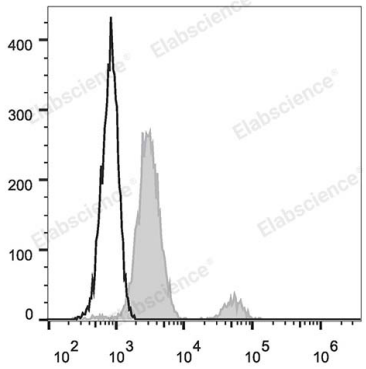
Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2b, κ
Clone No.	IPO-24
Isotype Control	FITC Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812C]
Conjugation	FITC
Conjugation Information	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 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



Human peripheral blood lymphocytes are stained with FITC 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 24 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

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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.

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