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# PerCP/Cyanine5.5 Anti-Human CD37 Antibody[IPO-24]

Catalog No. E-AB-F1063J Reactivity Human Storage Store at 2~8°C, Avoid freeze / thaw cycles **Applications FCM** 

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

## **Antigen Information**

**Alternate Names** Leukocyte antigen CD37,CD37,Tspan-26,TSPAN26

**Uniprot ID** P11049

**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.

### **Product Details**

Form Liquid

Size 20Tests/100Tests/100Tests×2

Clone No. IPO-24 Host Mouse

Mouse IgG2b, κ **Isotype** 

Reactivity Human **Application FCM** 

PerCP/Cyanine5.5 Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812J] **Isotype Control Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping** Biological ice pack at 4 °C Stability & Storage Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Email: techsupport@elabscience.com Web: www.elabscience.com

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# **Fluorophore**

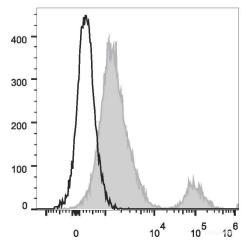
Conjugation: PerCP/Cyanine5.5

PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

## **Recommended usage**

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### **Product data**



Human peripheral blood lymphocytes are stained with PerCP/Cyanine5.5 Anti-Human CD37 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

#### **Related Information**

- 1. Sample Preparation for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5594.html">https://www.elabscience.com/List-detail-5594.html</a>
- 2. Staining Cell Surface Targets for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5568.html">https://www.elabscience.com/List-detail-5568.html</a>
- 3. Flow Cytometry Troubleshooting Tips <a href="https://www.elabscience.com/List-detail-5593.html">https://www.elabscience.com/List-detail-5593.html</a>
- 4. How to select the appropriate detection channel through the spectrogram? <a href="https://www.elabscience.com/List-detail-459742.html">https://www.elabscience.com/List-detail-459742.html</a>

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