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PerCP/Cyanine5.5 Anti-Mouse CD5 Antibody[53-7.3]

Catalog Number: E-AB-F1185J

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ Clone No. 53-7.3

PerCP/Cyanine5.5 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832J] Isotype Control

PerCP/Cyanine 5.5 Conjugation

Conjugation Information 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).

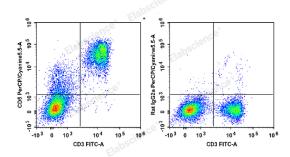
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD3 Antibody and PerCP/Cyanine5.5 Anti-Mouse CD5 Antibody (Left). Splenocytes are stained with FITC Anti-Mouse CD3 Antibody and PerCP/Cy5.5 Rat IgG2a, 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 CD5;Cd5;Ly-1;Lymphocyte antigen 1;Lyt-1

Uniprot ID P13379 Gene ID 12507

For Research Use Only

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Background

Elabscience®

CD5 is a 67 kD protein, also known as Lyt-1, Ly-1, T1, Tp67, or Ly-12. It is a member of the scavenger receptor cysteine-rich protein superfamily (SRCR) and primarily expressed on thymocytes, T cells, and B-1 cells. Although mature α/β T cells express high levels of CD5, very few γ/δ T cells express this antigen. The interaction of CD5 with CD72, gp35-37, TCR, or BCR is involved in T and B cell activation.

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