

A Reliable Research Partner in Life Science and Medicine

PE/Cyanine 5.5 Anti-Mouse CD19 Antibody [1D3]

Catalog Number: E-AB-F0986I

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ

Clone No. 1D3

PE/Cyanine5.5 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832I] Isotype Control

PE/Cyanine 5.5 Conjugation

Conjugation Information PE/Cyanine5.5 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 690 nm

(e.g., a 690/50 nm bandpass filter).

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

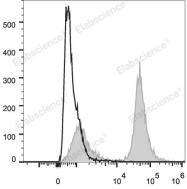
Applications Recommended usage

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 PE/Cyanine5.5 Anti-Mouse CD19 Antibody (filled gray histogram). Unstained splenocytes (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 B-lymphocyte antigen CD19;CD19;Cd19;Differentiation antigen CD19

Uniprot ID P25918 Gene ID 12478

For Research Use Only

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Rev. V1.5

Elabscience Bionovation Inc.



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Background

CD19 is a 95 kD glycoprotein also known as B4. It is a member of the lg superfamily, expressed on all pro-B to mature B cells (during development) and follicular dendritic cells. Plasma cells do not express CD19. CD19, in association with CD21 and CD81, forms a molecular complex integral to B cell activation.

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