

A Reliable Research Partner in Life Science and Medicine

PE/Elab Fluor® 594 Anti-Mouse CD19 Antibody[1D3]

Catalog Number: E-AB-F0986P

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

Description

Reactivity Mouse Host Rat

lsotype Rat lgG2a, κ

Clone No. 1D3

Isotype Control

PE/Elab Fluor® 594 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832P]

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% stabilizer.

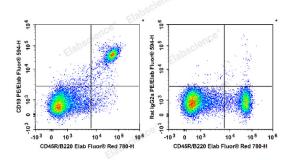
Applications Recommended usage

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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 Elab Fluor® Red 780 Anti-Mouse CD45R/B220 Antibody and PE/Elab

Fluor[®] 594 Anti-Mouse CD19 Antibody (Left). Splenocytes are stained with Elab Fluor[®] Red 780 Anti-Mouse CD45R/B220 Antibody and PE/Elab Fluor[®] 594 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 lce bag

Antigen Information

Alternate Names B-lymphocyte antigen CD19;CD19;Cd19;Differentiation antigen CD19

For Research Use Only

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Uniprot ID P25918 Gene ID 12478

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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