

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 540 Anti-Mouse CD19 Antibody[1D3]

Catalog Number: E-AB-F0986T3

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 Elab Fluor® Violet 540 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832T3]

Conjugation Elab Fluor[®] Violet 540

Conjugation Information Elab Fluor® Violet 540 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 548 nm (e.g., a 572/28 nm bandpass filter).

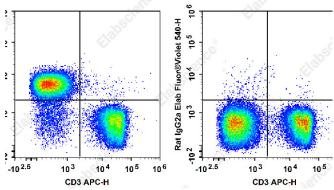
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



Staining of C57BL/6 murine splenocytes with and APC Anti-

Mouse CD3 Antibody[17A2] and Elab Fluor[®] Violet 540 Anti-Mouse CD19 Antibody[1D3](left) or Elab Fluor[®] Violet 540 Rat IgG2a, κ Isotype Control (right). Total viable cells were used for analysis.

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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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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