

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® Violet 450 Anti-Mouse CD19 Antibody[1D3]

Catalog Number: E-AB-F0986Q

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

#### **Description**

Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ

Clone No. 1D3

Isotype Control Elab Fluor<sup>®</sup> Violet 450 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832Q]

Conjugation Elab Fluor® Violet 450

**Conjugation Information** Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

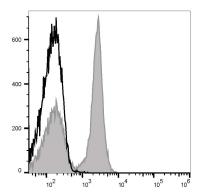
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

#### **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



Staining of C57BL/6 murine splenocytes with Elab Fluor® Violet 450 Anti-Mouse CD19 Antibody[1D3] (filled gray

histogram) or Elab Fluor® Violet 450 Rat IgG2a, κ Isotype Control (empty black histogram). 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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### **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.