

A Reliable Research Partner in Life Science and Medicine

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

Catalog Number: E-AB-F0986UQ

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

### **Description**

Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ

1D3 Clone No.

Isotype Control Elab Fluor<sup>®</sup> Violet 450 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833Q]

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**

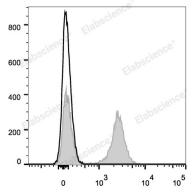
#### **FCM**

## Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu g/10^6$  cells

in 100 µL volume].

#### Data



Mouse splenocytes are stained with Elab Fluor® Violet 450 Anti-Mouse CD19 Antibody (filled gray histogram). Unstained splenocytes (blank black histogram) are used as control.

#### **Preparation & Storage**

Keep as concentrated solution. Storage

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. V1.7

#### **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.