

## 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
Isotype	Rat IgG2a, $\kappa$
Clone No.	1D3
Isotype Control	PE/Elab Fluor® 594 Rat IgG2a, $\kappa$ 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 and 1% protein protectant.

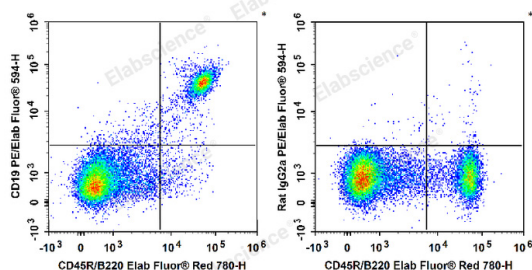
### Applications

### 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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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,  $\kappa$  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	Ice bag

### Antigen Information

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

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Rev. V1.6

**Alternate Names**

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

**Uniprot ID**

P25918

**Gene ID**

12478

**Background**

CD19 is a 95 kD glycoprotein also known as B4. It is a member of the Ig 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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