

## Purified Anti-Mouse CD19 Antibody[1D3]

catalog number: E-AB-F0986A

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

### Description

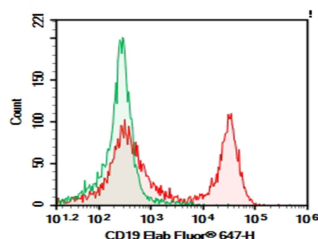
|                    |   |
|--------------------|---|
| <b>Reactivity</b>  | Mouse   |
| <b>Host</b>        | Rat   |
| <b>Isotype</b>     | Rat IgG2a, κ  |
| <b>Clone</b>       | 1D3   |
| <b>Conjugation</b> | Unconjugated  |
| <b>Buffer</b>      | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.<br>Dialyze to completely remove the stabilizer prior to labeling. |

### Applications

### Recommended Dilution

|     |  |
|-----|--|
| FCM | 2 µg/mL (0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells) |
|-----|--|

### Data



C57/BL6 Mouse splenocytes were stained with 0.2 µg Purified Anti-Mouse CD19 Antibody[1D3] (Right) and 0.2 µg Rat IgG2a, κ Isotype Control (Left), followed by PE-conjugated Goat Anti-Rat IgG Secondary Antibody.

### Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag  |

### 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.