Elab Fluor® Red 780 Anti-Mouse CD19 Antibody[1D3]

Catalog Number: E-AB-F0986US

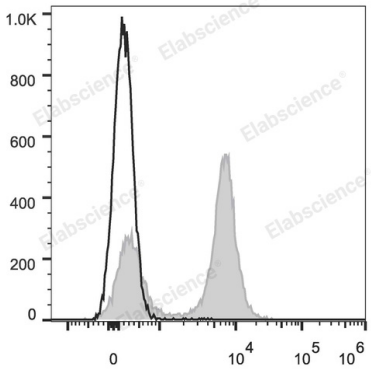
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2a, κ
Clone No.	1D3
Isotype Control	Elab Fluor® Red 780 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833S]
Conjugation	Elab Fluor®Red 780
Conjugation Information	Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

Applications	Recommended usage
FCM	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 μg/10^6 cells in 100 μL volume].

Data



Mouse splenocytes are stained with Elab Fluor® Red 780 Anti-Mouse CD19 Antibody (filled gray histogram). Unstained splenocytes (blank black histogram) are used as control.

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

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.