Elabscience®

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

Catalog No.E-AB-F0986SStorageStore at 2~8°C, Avoid freeze / thaw cycles

ReactivityMouseApplicationsFCM

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

Antigen Information

Alternate Names	B-lymphocyte antigen CD19,Cd19,Differentiation antigen CD19,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.

Product Details

Form	Liquid
Size	50Tests/100Tests/100Tests×2
Clone No.	1D3
Host	Rat
Isotype	Rat IgG2a, κ
Reactivity	Mouse
Application	FCM
Isotype Control	Elab Fluor [®] Red 780 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832S]
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping	Biological ice pack at 4 °C
Stability & Storage	Keep as concentrated solution.
	Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.
	This product is guaranteed up to one year from purchase.

For Research Use Only

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Fluorophore

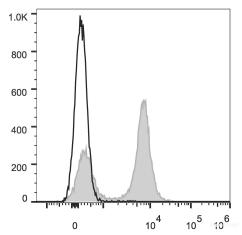
Conjugation: Elab Fluor[®] Red 780

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).

Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Product 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.

Related Information

- 1. Sample Preparation for Flow Cytometry <u>https://www.elabscience.com/List-detail-5594.html</u>
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? <u>https://www.elabscience.com/List-detail-459742.html</u>