Elabscience®

Elab Fluor[®] Red 780 Anti-Human CD39 Antibody[A1]

Catalog No.E-AB-F1165SStorageStore at 2~8°C, Avoid freeze / thaw cycles

ReactivityHumanApplicationsFCM

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

Antigen Information

Alternate Names	SPG64,NTPDase1,ATPDase,CD 39
Uniprot ID	P49961
Gene ID	953
Background	Human CD39 is an integral membrane protein with two transmembrane domains. It exists as a
	homotetramer. Expression of CD39 is found on activated lymphocytes, a subset of T cells and B
	cells, and dendritic cells with weak staining on monocytes and granulocytes. CD39 and CD73
	have been found on regulatory T cells, specifically the effector/memory like T cells. CD39 can
	hydrolyze both nucleoside triphosphates and diphosphates. CD39 is the dominant ecto
	nucleotidase of vascular and placental trophoblastic tissues and appears to modulate the functional
	expression of type 2 purinergic (P2) G protein coupled receptors (GPCRs). CD39 has intrinsic
	ecto-ATPase activity. Expression of CD39 is induced on T cells and increased on B cells as a late
	activation antigen. Product Details
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Product Details

Form	Liquid
Size	20Tests/100Tests/100Tests×2
Clone No.	A1
Host	Mouse
Isotype	Mouse IgG1, ĸ
Reactivity	Human
Application	FCM
Isotype Control	Elab Fluor [®] Red 780 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792S]
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

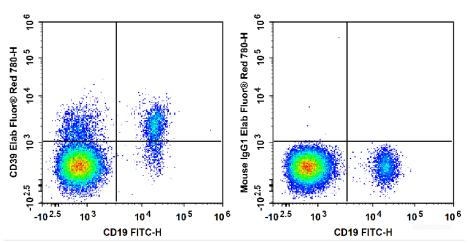
Conjugation: Elab Fluor[®] Red 780

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



Human peripheral blood lymphocytes are stained with FITC Anti-Human CD19 Antibody and Elab Fluor[®] Red 780 Anti-Human CD39 Antibody (Left). Lymphocytes are stained with FITC Anti-Human CD19 Antibody and Elab Fluor[®] Red 780 Mouse IgG1, κ Isotype Control (Right).

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry <u>https://www.elabscience.com/List-detail-5568.html</u>
- 3. Flow Cytometry Troubleshooting Tips <u>https://www.elabscience.com/List-detail-5593.html</u>

4. How to select the appropriate detection channel through the spectrogram? <u>https://www.elabscience.com/List-detail-459742.html</u>