

Elab Fluor® 647 Anti-Human CD79a Antibody[HM47]

Catalog Number: E-AB-F1370M

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

Description

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|-------------------------|--|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | HM47 |
| Isotype Control | Elab Fluor® 647 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M] |
| Conjugation | Elab Fluor® 647 |
| Conjugation Information | Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

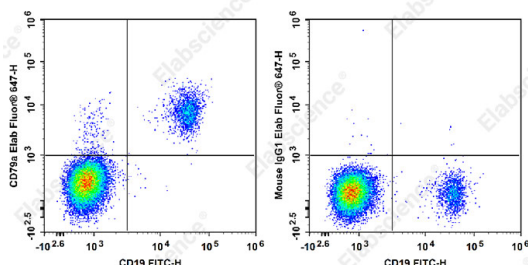
Applications

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 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Intracellular staining of normal human peripheral blood cells with FITC Anti-Human CD19 Antibody and Elab Fluor® 647 Anti-Human CD79a Antibody[HM47] (left) or Elab Fluor® 647 Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

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|----------|---|
| 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

| | |
|------------|--------|
| Uniprot ID | P11912 |
| Gene ID | 973 |

For Research Use Only

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Rev. V2.0

Background

CD79a is a 47 kD type I integral membrane protein, also known as mb-1 or Iga. It is a member of the Ig superfamily and disulphide-associated with CD79b (B29). The interaction of CD79a/CD79b heterodimer with B cell surface Ig forms B cell antigen receptor complex. CD79a is expressed in B cells from early pre-B to plasma cell stage. It has been shown that CD79a is also weakly expressed in some precursors of T- and myeloid cells. CD79 mediates the transport of IgM to B cell surface and transduces signals initiated by BCR aggregation.