

A Reliable Research Partner in Life Science and Medicine

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

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).

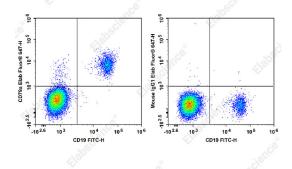
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 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.

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

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 lce bag

Antigen Information

 Uniprot ID
 P11912

 Gene ID
 973

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

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Background

Elabscience®

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 suface 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.

Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Email:techsupport@elabscience.com Web:www.elabscience.com