

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Human CD79B Antibody[CB3-1]

Catalog Number: AN00481Q

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. CB3-1

Isotype Control Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-

F09792Q1

Conjugation Elab Fluor® Violet 450

Conjugation Information Elab Fluor[®] Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

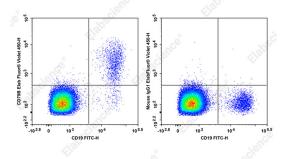
Applications Recommended usage

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 (millie cells in 100 μ L staining volume or per 151 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



Staining of normal human peripheral blood cells with FITC

Anti-Human CD19 Antibody and Elab Fluor[®] Violet 450 Anti-Human CD79B Antibody[CB3-1](left) or Elab Fluor[®] Violet 450 Mouse IgGI, 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 Ice bags

Antigen Information

Alternate Names lgb;lgβ (lg-beta);B29

Uniprot ID P40259

For Research Use Only

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Elabscience Bionovation Inc.



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Gene ID Background 974

CD79 is a heterodimeric molecule comprised of an α -chain (CD79a) and β -chain (CD79b). A 37-39 kD type I integral membrane protein CD79b is non-covalently associated with CD79a and cell surface IgM to form the B-cell receptor (BCR) complex. CD79b is expressed on the surface of surface Ig (sIg)-positive B cells and in the cytoplasm of sIg-negative B cells. It is essential for signal transduction after surface Ig crosslinking.