

Elab Fluor® Violet 500 Anti-Human CD19 Antibody[CB19]

Catalog Number: E-AB-F1004R

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

Description

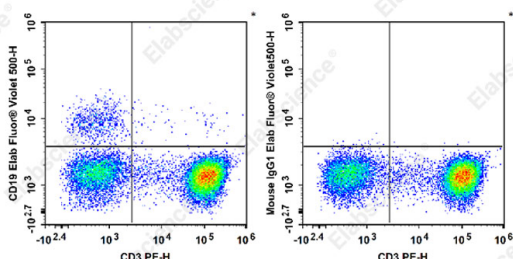
Reactivity	Human;Rhesus;Cynomolgus
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	CB19
Isotype Control	Elab Fluor® Violet 500 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792R]
Conjugation	Elab Fluor® Violet 500
Conjugation Information	Elab Fluor® Violet 500 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 501 nm (e.g., a 525/45 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.
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Data



Staining of normal human peripheral blood cells with PE

Anti-Human CD3 Antibody[OKT-3] and Elab Fluor® Violet 500 Anti-Human CD19 Antibody[CB19] (left) or Elab Fluor® Violet 500 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	Ice bag

Antigen Information

Alternate Names	B-lymphocyte antigen CD19;CD19;Cd19;Differentiation antigen CD19
Uniprot ID	P15391

For Research Use Only

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Rev. V1.9

Gene ID

930

Background

CD19 is a 95 kD type I transmembrane glycoprotein also known as B4. It is a member of the immunoglobulin superfamily expressed on B-cells (from pro-B to blastoid B cells, absent on plasma cells) and follicular dendritic cells. CD19 is involved in B cell development, activation, and differentiation. CD19 forms a complex with CD21 (CR2) and CD81 (TAPA-1), and functions as a BCR co-receptor.