

Elab Fluor® Violet 450 Anti-Human CD21 Antibody[HI21a]

Catalog Number: E-AB-F1320Q

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

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	HI21a
Isotype Control	Elab Fluor® Violet 450 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802Q]
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 and 1% protein protectant.

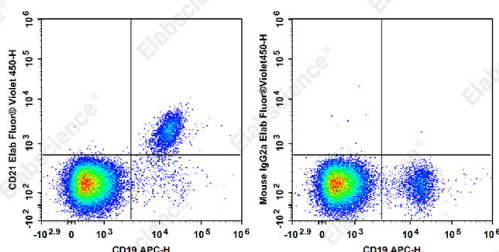
Applications

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



Human peripheral blood lymphocytes are stained with APC

Anti-Human CD19 Antibody and Elab Fluor® Violet 450 Anti-Human CD21 Antibody[HI21a] (Left). Lymphocytes are stained with APC Anti-Human CD19 Antibody and Elab Fluor

® Violet 450 Mouse IgG2a, κ Isotype Control (Right).

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

CD21;CR2;Complement C3d receptor;Complement receptor type 2;Cr2;EBV receptor; Epstein-Barr virus receptor

For Research Use Only

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Rev. V1.6

Uniprot ID

P20023

Gene ID

1380

Background

CD21 is a 145 kD transmembrane protein also known as complement C3d receptor (C3dR), complement receptor 2 (CR2), and Epstein-Barr virus receptor. CD21 is expressed on B cells, follicular dendritic cells, subsets of normal thymocytes and T cells, and some epithelial cells. CD21 is the receptor used by Epstein-Barr virus to infect B cells and is also the complement receptor for C3d. CD21 has also been shown to interact with a number of proteins, including CD23, CD19, annexin VI, CD81, iC3b, complement receptor 1 (CR1, CD35), and interferon-alpha 1 (IFN- α 1).

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