

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Mouse CD3 Antibody[17A2]

Catalog Number: E-AB-F1013Q

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ

Clone No. 17A2

Isotype Control Elab Fluor[®] Violet 450 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842Q]

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).

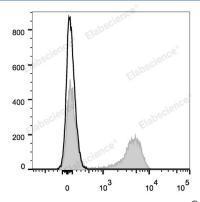
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

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



Mouse splenocytes are stained with Elab Fluor® Violet 450 Anti-Mouse CD3 Antibody (filled gray histogram). Unstained splenocytes (blank black histogram) are used as control.

Preparation & Storage

Keep as concentrated solution. Storage

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 CD3;CD3E/D/G/Z;CD3e/d/g/z;T-cell surface glycoprotein CD 3epsilon/delta/gamma/

zeta chain

Uniprot ID P04235;P11942;P22646;P24161 Gene ID 12500;12501;12502;12503

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Background

CD3, also known as T3, is a member of the lg superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3 is composed of CD3 ϵ , δ , γ and ζ chains. It forms a TCR complex by associating with TCR α/β or γ/δ chains. CD3 plays a critical role in TCR signal transduction, T cell activation, and antigen recognition by binding the peptide/MHC antigen complex.