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Elab Bright™ Violet 421 Anti-Mouse CD3ε Antibody[145-2C11]

Catalog Number: E-AB-F1103Q2

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

Description

Reactivity Mouse

Host Armenian Hamster Isotype Armenian Hamster IgG

Clone No. 145-2C11

Isotype Control Elab Bright™ Violet 421 Hamster IgG1, κ Isotype Control[A19-3] [Product AN00818Q2]

Conjugation Elab Bright™Violet 421

Conjugation Information Elab BrightTM Violet 421 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 421 nm (e.g., a 450/50 nm bandpass filter).

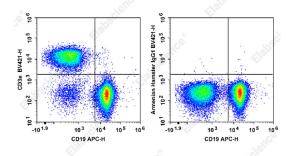
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



Staining of Balb/C murine splenocytes with BV421 Anti-Mouse CD3e Antibody[145-2C11] and APC Anti-Mouse CD19 Antibody[1D3] (left) or BV421 Armenian Armenian Hamster IgG1, κ Isotype Control (right). Total viable cells 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 CD3E;CD3e;T-cell surface antigen T3/Leu-4 epsilon chain;T-cell surface glycoprotein

CD3 epsilon chain;T3E

Uniprot ID P22646

For Research Use Only

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Gene ID Background 12501

CD3 ϵ is a 20 kD transmembrane protein, also known as CD3 or T3. It 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 ϵ forms a TCR complex by associating with the CD3 δ , γ and ζ chains, as well as the 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.