

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Red 780 Anti-Rat CD3 Antibody[G4.18]

Catalog Number: E-AB-F1228US

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

Description

Reactivity Rat
Host Mouse

Isotype Mouse IgG3, κ

Clone No. G4.18

Isotype Control Elab Fluor® Red 780 Mouse IgG3, κ Isotype Control[A112-3] [Product E-AB-F09752S]

Conjugation Elab Fluor® Red 780

Conjugation Information Elab Fluor[®] Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

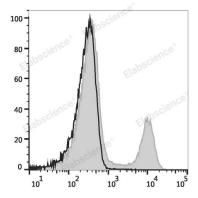
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/10⁶ cells in 100 μ L volume].

Data



Rat splenocytes are stained with Elab Fluor[®] Red 780 Anti-Rat CD3 Antibody (filled gray histogram) or Elab Fluor[®] Red 780 Mouse IgG3, κ Isotype Control (empty black histogram).

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

Rev. V1.9

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names T-cell surface glycoprotein CD3 δ;γ;ε;and ζ chains;CD3 Complex;T3;CD3

 Uniprot ID
 P19377;Q64159;D4A5M2

 Gene ID
 25710;300678;315609;25300

For Research Use Only

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Background

CD3 is a complex composed of δ , γ , ϵ , and ζ chains. They are 20-25 kD members of the immunoglobulin superfamily and associated with the T cell receptor (TCR). CD3 is expressed on thymocytes, peripheral T cells, some NK-T cells, and dendritic epidermal T cells. CD3 is involved in antigen recognition, signal transduction, and T cell activation

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