PE/Elab Fluor® 594 Anti-Rat CD3 Antibody[G4.18]

Catalog No.	E-AB-F1228P	**Reactivity**	Rat
Storage	Store at 2~8℃, Avoid freeze / thaw cycles	**Applications**	FCM

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

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
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.

Product Details

Form	Liquid
Size	50Tests/100Tests/100Tests×2
Clone No.	G4.18
Host	Mouse
Isotype	Mouse IgG3, κ
Reactivity	Rat
Application	FCM
Isotype Control	PE/Elab Fluor® 594 Mouse IgG3, κ Isotype Control[A112-3] [Product E-AB-F09752P]
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping	Biological ice pack at 4 ℃
Stability & Storage	Keep as concentrated solution. Store at 2~8℃ and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase.

Fluorophore

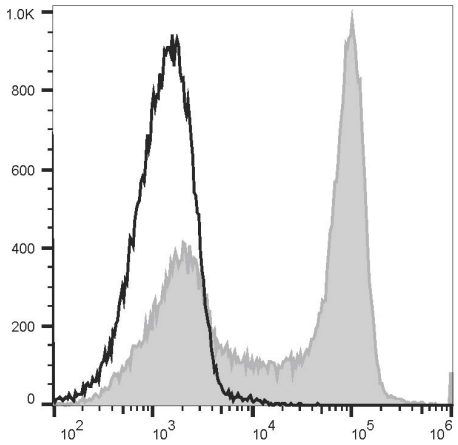
Conjugation: PE/Elab Fluor® 594

PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm (e.g., a 610/20 nm bandpass filter).

Recommended usage

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.

Product data



Rat splenocytes are stained with PE/Elab Fluor® 594 Anti-Rat CD3 Antibody[G4.18] (filled gray histogram) or PE/Elab Fluor® 594 Mouse IgG3, κ Isotype Control (empty black histogram).

Related Information

1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html