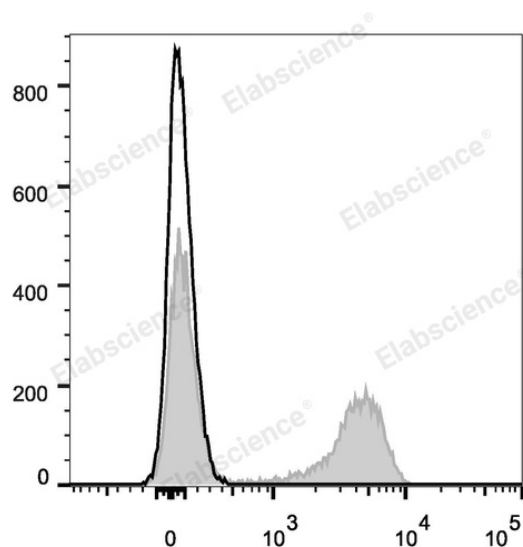


Product name:	Elab Fluor® Violet 450 Anti-Mouse CD3 Antibody[17A2]
Cat number:	MAB1013Q
Conjugate:	Elab Fluor®Violet 450
Size:	100Tests
Clone:	17A2
Concentration:	5 µL/Test
Host:	Rat
Isotype:	Rat IgG2b, κ
Reactivity:	Mouse
Applications:	FCM - Each lot of this antibody is quality control tested by flow 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.
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Storage:	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Background:	CD3, also known as T3, is a member of the Ig superfamily and primarily expressed on T cells, NK-T cells, and at different levels on thymocytes during T cell differentiation. CD3 is composed of CD3ε, 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.



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.