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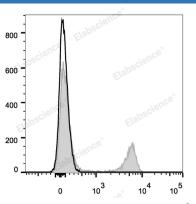
Elab Fluor[®] Violet 450 Anti-Mouse CD4 Antibody[GK1.5]

Catalog Number: E-AB-F1097Q

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

Description	
Reactivity	Mouse
Host	Rat
lsotype	Rat lgG2b, κ
Clone No.	GK1.5
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).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.
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



Mouse splenocytes are stained with Elab Fluor[®] Violet 450 Anti-Mouse CD4 Antibody (filled gray histogram). Unstained splenocytes (blank black histogram) are used as control.

Preparation & Storag	e
Storage	Keep as concentrated solution.
Shipping	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. Ice bag
Antigen Information	
Alternate Names Uniprot ID	L3T4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;T4 P06332
Gene ID	12504

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Background

CD4 is a 55 kD protein also known as L3T4 or T4. It is a member of the Ig superfamily, primarily expressed on most thymocytes, a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC class II and associating with the protein tyrosin kinase, Ick.