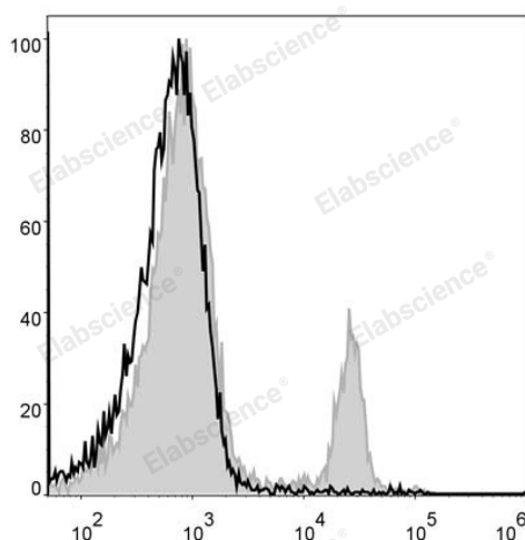


Product name:	PerCP Anti-Mouse CD4 Antibody[GK1.5]
Cat number:	MAB1097F
Conjugate:	PerCP
Size:	100Tests
Clone:	GK1.5
Concentration:	5 µL/Test
Host:	Rat
Isotype:	Rat IgG2b, κ
Reactivity:	Mouse
Applications:	FCM - Each lot of this antibody is quality control tested by flow cytometric analysis. The amount 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:	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, lck.



C57BL/6 murine splenocytes are stained with PerCP Anti-Mouse CD4 Antibody (filled gray histogram).
Unstained splenocytes (empty black histogram) are used as control.