Purified Anti-Mouse CD4 Antibody[GK1.5]

catalog number: **E-AB-F1097A**

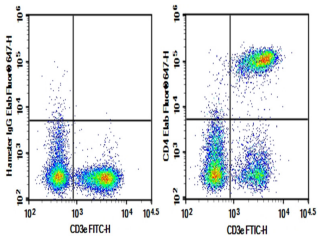
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD4 protein
Host	Rat
Isotype	Rat IgG2b, κ
Clone	GK1.5
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg Purified Anti-Mouse CD4 Antibody[GK1.5](Right) and 0.2 μg Armenian Hamster IgG, κ Isotype Control(Left), followed by Elab Fluor® 647-conjugated Goat Anti-Armenian Hamster IgG Secondary Antibody, then anti-Mouse CD3e FITC-conjugated Monoclonal Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

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.

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