

## AF/LE Purified Anti-Mouse CD4 Antibody[GK1.5]

catalog number: E-AB-F10970

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

### Description

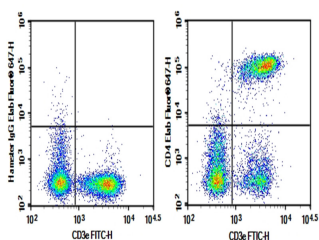
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD4 protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b, κ
<b>Clone</b>	GK1.5
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL(0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### Data



C57/BL6 Mouse splenocytes were stained with 0.2 µg AF/LE 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. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

**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.

### For Research Use Only