

**DATA SHEET****APC/Cyanine7 anti-mouse CD4 Antibody****Code Number#21-100414****Pack Size:** 100 µg

<b>Clone:</b>	GK1.5
<b>Isotype:</b>	Rat IgG2b, κ
<b>Description:</b>	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.
<b>Reactivity:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Host Species:</b>	Rat
<b>Immunogen:</b>	Mouse CTL clone V4
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Preparation:</b>	The antibody was purified by affinity chromatography, and conjugated with APC/Cyanine7 under optimal conditions.
<b>Concentration:</b>	0.2 mg/ml
<b>Storage &amp; Handling:</b>	The antibody solution should be stored undiluted between 2°C and 8°C. Do not freeze.
<b>Application:</b>	FC - Quality tested
<b>Recommended Usage:</b>	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is =1.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

**For in-vitro diagnostic use only. Not for human or animal consumption.**