

**Low Endotoxin Purified Anti-Mouse CD4 Antibody [GK1.5]**

Catalogue Code: AGEL1240

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL1240</b>	<b>Clone:</b>	<b>GK1.5</b>
<b>Applications:</b>	<b>FCM;Depletion;Block</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

<b>Alternate Names:</b>	T-cell surface glycoprotein CD4;T-cell surface antigen T4/Leu-3;L3T4;T4;
<b>Uniprot ID:</b>	P06332
<b>Background:</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>Form:</b>	Liquid
<b>Conjugation:</b>	None (AF/LE)
<b>Size:</b>	50µg, 500µg, 1mg
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2b, κ
<b>Isotype Control:</b>	AF/LE Purified Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL1240]
<b>Storage Buffer:</b>	0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
<b>Shipping:</b>	Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 2.0 \mu\text{g}$  per  $10^6$  cells in 100  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.