

## Anti-mouse CD4 RIgG2b Antibody(GK1.5)

### Product Information

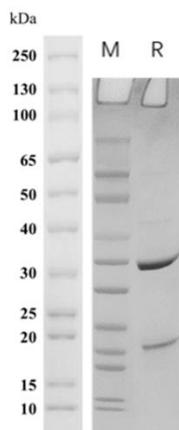
<b>Product Name</b>	Anti-mouse CD4 RIgG2b Antibody(GK1.5)
<b>Storage temp.</b>	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
<b>Catalog# / Size</b>	<b>GM-87896MAB-1mg / 1 mg</b> <b>GM-87896MAB-5mg / 5 mg</b> <b>GM-87896MAB-25mg / 5 mg*5 vials</b> <b>GM-87896MAB-50mg / 50 mg</b> <b>GM-87896MAB-100mg / 50 mg*2 vials</b>

### Antibody Information

<b>Expression System</b>	CHO
<b>Aggregation</b>	< 5% as determined by SEC-HPLC
<b>Purity</b>	> 95% as determined by SDS-PAGE
<b>Endotoxin</b>	< 1 EU/mg, determined by LAL gel clotting assay
<b>Sterility</b>	0.2 $\mu\text{m}$ Filtered
<b>Target</b>	CD4
<b>Clone</b>	GK1.5
<b>Other Names</b>	L3T4, Ly-4
<b>Source/Isotype</b>	Monoclonal Rat IgG2b, Kappa
<b>Application</b>	/
<b>Description</b>	The CD4 gene belongs to the Immunoglobulin Superfamily (IgSF), and its members typically possess immunoglobulin-like domains that are involved in intercellular interactions and signal transduction. CD4 plays a critical role in the immune system and is primarily expressed on CD4 positive T cells, monocytes, and dendritic cells. Researchers often use anti-CD4 antibodies (either monoclonal or polyclonal) to label and isolate CD4 positive T cells, and these antibodies are widely used in techniques such as flow cytometry, immunohistochemistry, and immunoprecipitation.
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2-7.4.

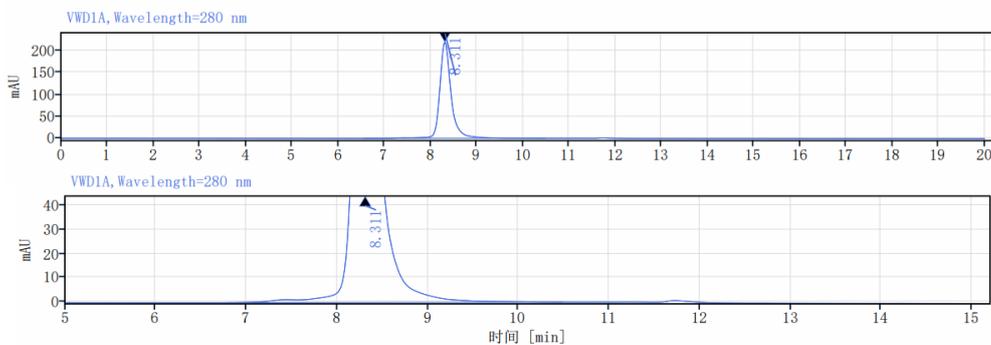
## Data Examples

### SDS-PAGE



On SDS-PAGE under non-reducing(N-R) condition. The purity of the protein is greater than 95%.

### SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC.