

Anti-mouse CD25 mIgG2a Antibody(PC-61.5.3)

Product Information

Product Name	Anti-mouse CD25 mIgG2a Antibody(PC-61.5.3)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87903MAB-1mg / 1 mg GM-87903MAB-5mg / 5 mg GM-87903MAB-25mg / 25 mg GM-87903MAB-50mg / 50 mg GM-87903MAB-100mg / 100 mg

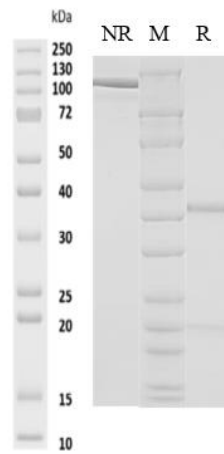
Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay
Sterility	0.2 μm Filtered
Target	CD25
Clone	PC-61.5.3
Other Names	CD25, Il2r, Ly-43, Il2ra
Source/Isotype	Monoclonal mouse IgG2a. Kappa
Application	/
Description	CD25 antibodies selectively target and deplete activated T cells, particularly those expressing CD25, making them potential therapeutic tools for autoimmune diseases such as rheumatoid arthritis, systemic lupus erythematosus, and multiple sclerosis. They modulate the immune response by reducing the number of activated T cells, thereby alleviating symptoms. In organ transplantation, CD25 antibodies serve as immunosuppressants to prevent the recipient's rejection of the graft, reducing T cell activation and improving transplant success rates. In cancer treatment, CD25 antibodies aim to improve the immune suppression in the tumor microenvironment, restoring anti-tumor immune responses by targeting regulatory T cells. Overall, CD25 antibodies demonstrate broad application potential in the treatment of autoimmune diseases, management of organ transplantation, and cancer immunotherapy, helping to regulate and optimize immune responses.
Formulation	Phosphate-buffered solution, pH 7.2.

Version:3.1

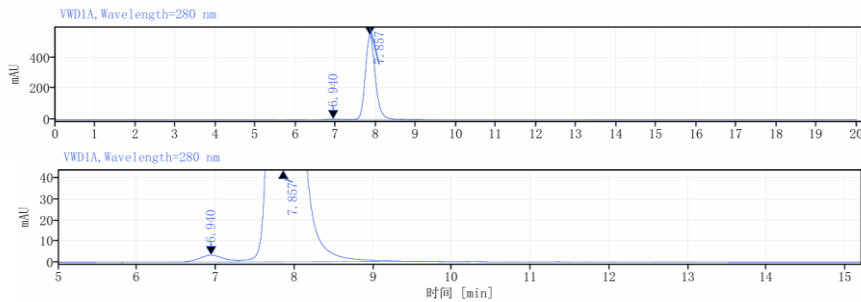
Data Examples

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC



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