

Anti-mouse CD28 Syrian Hamster IgG2 Antibody(37. 51)

Product Information

Product Name	Anti-mouse CD28 Syrian Hamster IgG2 Antibody(37. 51)
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-87890MAB-1mg / 1 mg GM-87890MAB-5mg / 5 mg GM-87890MAB-25mg / 5 mg*5 vials GM-87890MAB-50mg / 50 mg GM-87890MAB-100mg / 50 mg*2 vials

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	CD28
Clone	37. 51
Source/Isotype	Monoclonal Syrian Hamster IgG2, kappa
Application	/
Description	CD28 plays a crucial role in the immune system and is an important costimulatory molecule on the surface of lymphocyte. It is mainly expressed on T cells and binds to the B 7 molecule (CD80/CD86) on the surface of APC (antigen-presenting cells) , thereby enhancing T cell activation and proliferation. CD28 not only plays an important role in the initial activation of T cells, but also participates in the survival, memory formation and effector function maintenance of T cells. Therefore, the study of CD28 antibody has attracted wide attention. These antibodies enhance the activity of T cells and, as part of immune checkpoint inhibitors, contribute to the enhancement of anti-tumor immune responses. In addition, antibodies against CD28 have also been suggested to have potential in the control of autoimmune diseases, such as osteoarthritis/osteodystrophy and systemic lupus erythematosus, by regulating the activation of T cells, can

Version:3.1

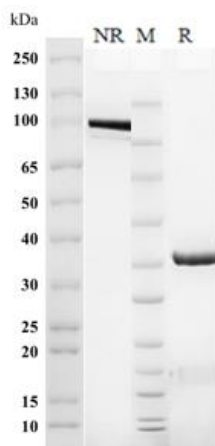
effectively slow the progress of these diseases. This association suggests that CD28, in its multiple roles in regulating immune responses, can be used both to promote anti-tumor immune responses and to play an important role in the management of autoimmune diseases.

Formulation

Phosphate-buffered solution, pH 7.2-7.4.

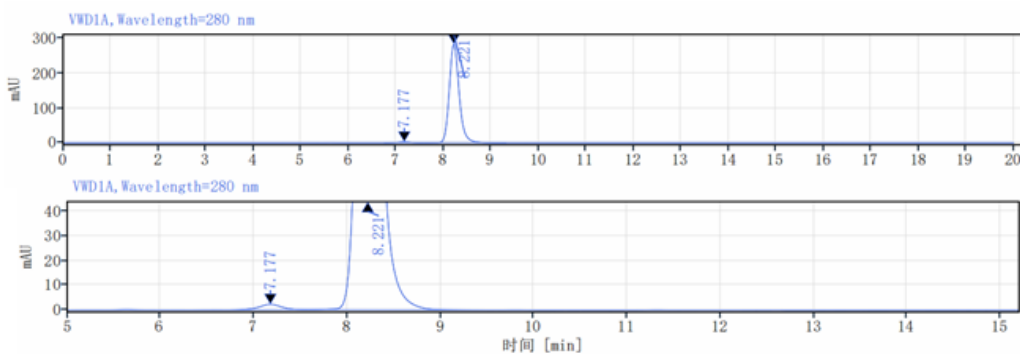
Data Examples

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.