Genomeditech (Shanghai) Co.,Ltd.
Order: 021-68455258/50432826/50432825
Toll-free: 400 627 9288
Email: service@genomeditech.com

Anti-CTLA4×PD-1 hIgG1 Reference Antibody (Cadbio)

Product Information

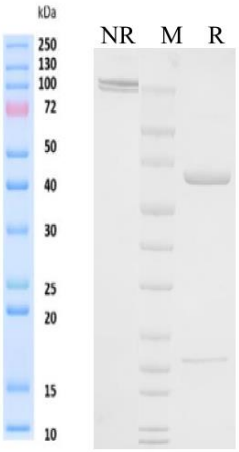
Product Name	Anti-CTLA4×PD-1 hIgG1 Reference Antibody (Cadbio)
Storage temp.	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Catalog# / Size	**GM-87836MAB-1mg / 1 mg** **GM-87836MAB-5mg / 5 mg** **GM-87836MAB-25mg / 5 mg*5 vials** **GM-87836MAB-50mg / 50 mg** **GM-87836MAB-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	CTLA4&PD-1
Clone	Cadonilimab
Alternative Names	CTLA4: ALPS5,CD,CD152,CELIAC3,CTLA-4,GRD4, GSE, IDDM12 PD1: CD279, PD-1, PDCD1, SLEB2, hPD-1, hPD-l, hSLE1
Source/Isotype	Monoclonal Human IgG1 L234A/L235A, Kappa
Application	Bioactivity-ELISA
Description	Cadonilimab antagonizes CTLA-4, preventing T cells from binding to its ligands, thereby alleviating immune suppression and promoting T cell activation. At the same time, Cadonilimab targets PD-1, blocking its interactions with PD-L1 and PD-L2, which relieves the inhibition on T cells and further enhances their anti-cancer activity. By simultaneously targeting both CTLA-4 and PD-1, Cadonilimab can activate T cells more comprehensively, significantly boosting the immune response against tumors.
Formulation	phosphate-buffered solution, pH 7.2-7.4.

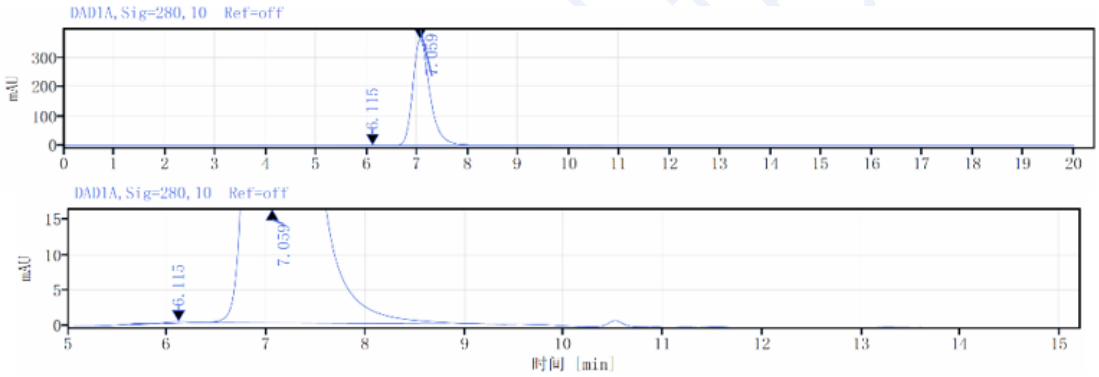
Data Examples

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

Bioactivity-ELISA

Human PD1 Protein; His Tag (Catalog # GM-87593RP) was immobilized at 1 μg/ml (100 μL/well). Increasing concentrations of Anti- CTLA-4×PD-1 hIgG1 Reference Antibody (Cadbio) (Catalog # GM-87836MAB) were added.

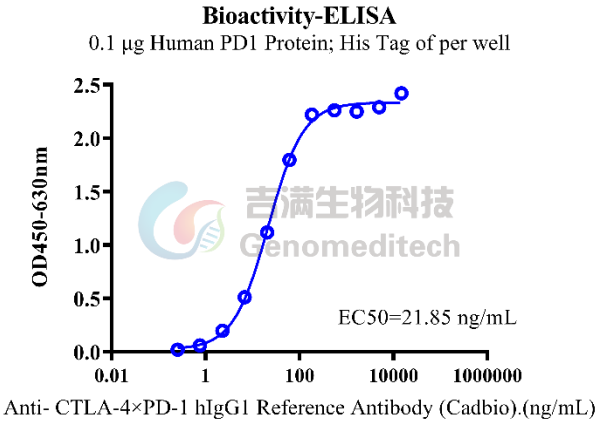


Fig. Assay

Version:3.2