

Anti-PD1 hIgG1 Reference Antibody (Perbio)

Product Information

Product Name Anti-PD1 hIgG1 Reference Antibody (Perbio)
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-87971MAB-1mg / 1 mg
GM-87971MAB-5mg / 5 mg
GM-87971MAB-25mg / 5 mg*5 vials
GM-87971MAB-50mg / 50 mg
GM-87971MAB-100mg / 50 mg*2 vials

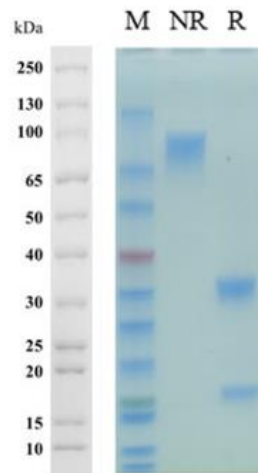
Antibody Information

Expression System CHO
Aggregation < 5% as determined by SEC-HPLC
Purity > 95% as determined by SDS-PAGE
Species Reactivity Human
Clone Peresolimab
Source/Isotype Monoclonal Human IgG1 (KDEL),Kappa
Application Flow Cytometry
Specificity Detects PD1
Gene PD1
Other Names CD279, PD-1, PDCD1, SLEB2, hPD-1, hPD-I, hSLE1
Gene ID 6622
Background Programmed cell death protein-1 (PD-1) is an inhibitory immune checkpoint primarily expressed by immune cells. In the tumor microenvironment, PD-1 binds to its ligands PD-L1 and PD-L2, inhibiting T cell activation and proliferation, which allows tumor cells to evade immune system surveillance. Peresolimab, a monoclonal antibody against PD-1(programmed death protein 1) , falls into the category of immune checkpoint inhibitors. It is mainly used in cancer therapy, by blocking the interaction between PD-1 and its ligands PD-L1 and PD-L2, enhance the body's immune system against tumor cells.
Formulation Phosphate-buffered solution, pH 7.2-7.4.
Endotoxin < 1 EU/mg, determined by LAL gel clotting assay

Version:3.1

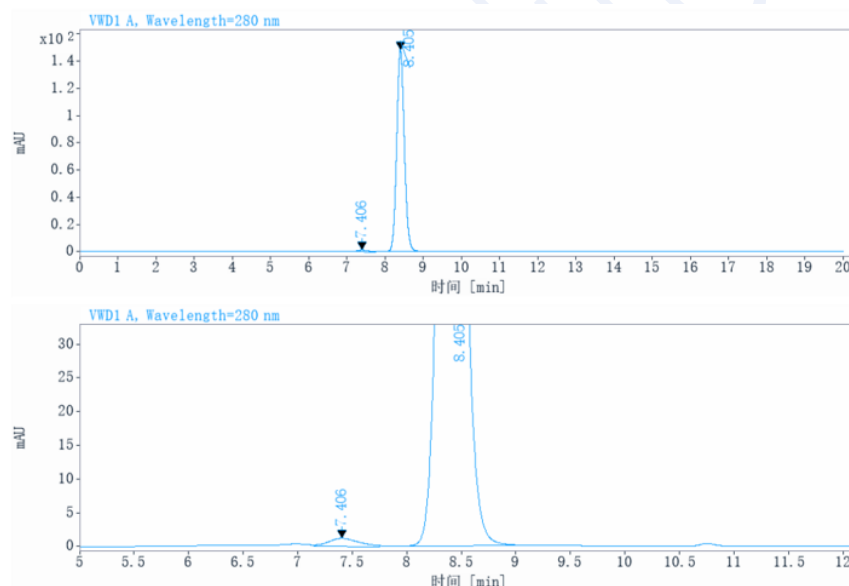
Data Examples

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-HPL

Flow cytometry

H_PDCD1(PD-1) CHO-K1 Cell Line (Catalog # GM-C09097) was stained with Anti-PD1 hlgG1 Reference Antibody (Perbio) (Catalog # GM-87971MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

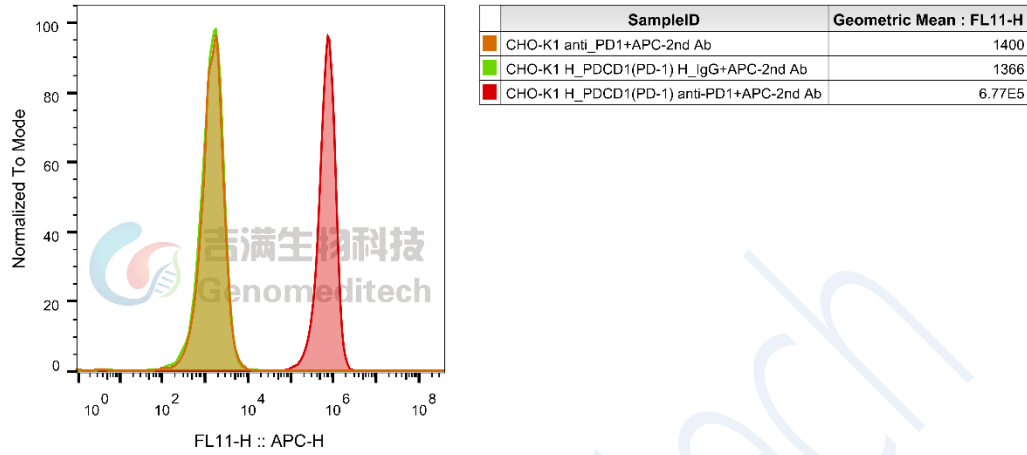


Fig . FACS