



# CERTIFICATE OF ANALYSIS

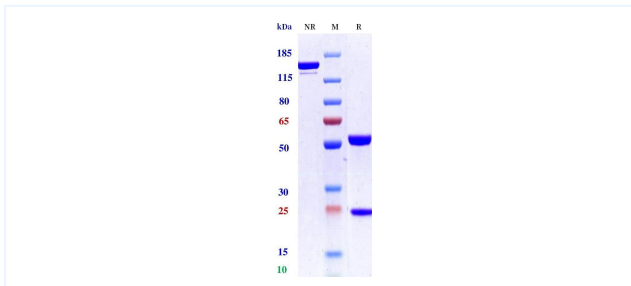


## Product Details

|                      |   |                             |              |
|----------------------|---|-----------------------------|--------------|
| Product name:        | Anti-PDCD1 / PD-1 / CD279 Reference Antibody<br>(Peresolimab)   | Lot.No.:                    | P221455-2    |
| Target:              | PDCD1 / PD-1 / CD279  | Catalog:                    | CHB557       |
| Target<br>Accession: | Q15116  | Concentration :             | 1 mg/mL      |
| Clonality:           | Monoclonal  | Isotype:                    | IgG1         |
| Reactivity:          | Human   | Molecular Weight<br>(kDa) : | 145.16       |
| Application:         | ELISA, Bioactivity: FACS, Functional assay, Research in vivo  | Endotoxin:                  | <1 EU/mg     |
| Formulation:         | Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0<br>Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80<br>pH6.2                                       | Conjugation:                | Unconjugated |
| Reconstitution:      | For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex. | Expression System:          | CHO          |
| Storage:             | Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.   | Purification:               | Protein A    |

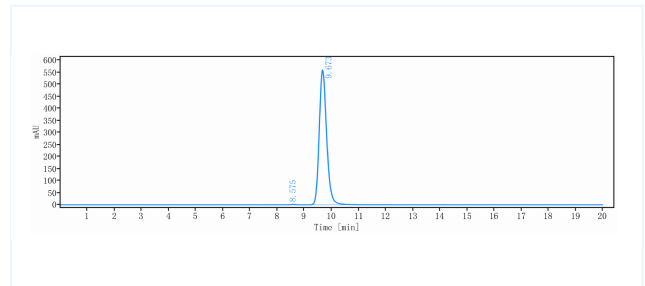
# Data

## Purity:SDS-PAGE



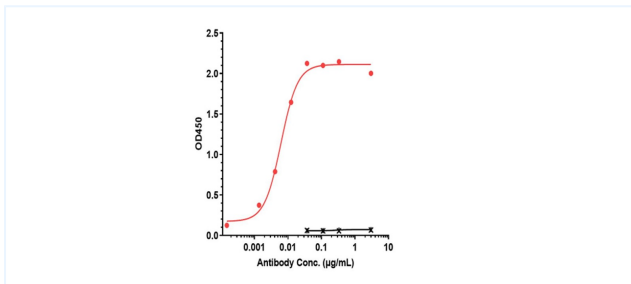
Anti-PDCD1 / PD-1 / CD279 Reference Antibody (Peresolimab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

## Purity:SEC-HPLC



The purity of Anti-PDCD1 / PD-1 / CD279 Reference Antibody (Peresolimab) is 99.6%, determined by SEC-HPLC.

## Bioactivity: ELISA



Immobilized hu-PD-1-His at 2 µg/mL can bind Peresolimab, EC50= 0.006209 µg/mL.

The products are for research use only. Not for use in diagnostic procedures.