

## PDCD1/PD-1/CD279 recombinant antibody

Anti-PDCD1/PD-1/CD279 Reference Antibody (serplulimab)

| CATALOG # | HOST     | REACTIVITY        | APPLICATIONS                                              |
|-----------|----------|-------------------|-----------------------------------------------------------|
| AAA296945 | CHO Cell | Human, Cynomolgus | Functional Assay, Flow Cytometry, Functional Assay, ELISA |

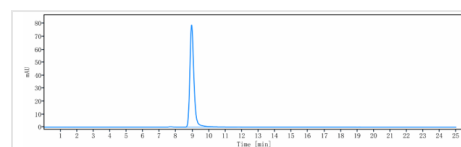
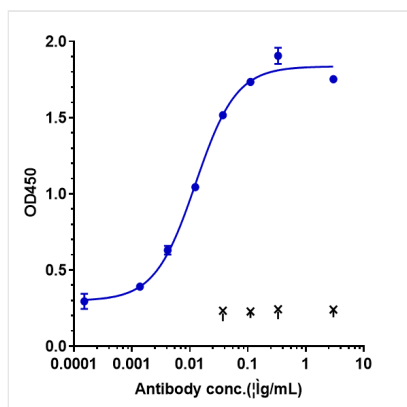
### PRODUCT SYNONYMS

PDCD1/PD-1/CD279; Monoclonal Recombinant Antibody; Anti-PDCD1/PD-1/CD279 Reference Antibody (serplulimab); PDCD1/PD-1/CD279 recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                                   |                                                                                                                                                  |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                              | CHO Cell                                                                                                                                         |
| Reactivity                                                        | Human, Cynomolgus                                                                                                                                |
| Clonality                                                         | Monoclonal                                                                                                                                       |
| Isotype                                                           | IgG4SP                                                                                                                                           |
| Specificity                                                       | PDCD1/PD-1/CD279                                                                                                                                 |
| Form/Format                                                       | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.                 |
| Concentration                                                     | 1mg/ml (varies by lot)                                                                                                                           |
| Applicable Applications for PDCD1/PD-1/CD279 recombinant antibody | FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA                                                                                          |
| Endotoxin                                                         | < 0.001EU/ug, determined by LAL method.                                                                                                          |
| Conjugation                                                       | Unconjugated                                                                                                                                     |
| Dry Ice Note                                                      | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                               |
| Preparation and Storage                                           | Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles. |

### IMAGES

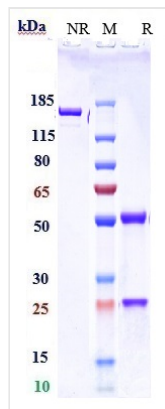


#### Application Data

The purity of Anti-PDCD1 / PD-1 / CD279 Reference Antibody (serplulimab) is more than 95% ,determined by SEC-HPLC.

#### Application Data

Immobilized human PD 1 His at 2 ug/mL can bind Anti-PDCD1 / PD-1 / CD279 Reference Antibody (serplulimab), EC50=0.0125ug/mL



#### SDS-PAGE

Anti-PDCD1 / PD-1 / CD279 Reference Antibody (serplulimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

### ADDITIONAL INFORMATION

Product Categories/Family for  
PDCD1/PD-1/CD279 recombinant  
antibody

Primary Antibodies

### NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 145559515                                    |
| NCBI GeneID                      | 5133                                         |
| UniProt Accession #              | Q15116; O00517; Q8IX89                       |
| Molecular Weight                 | 31,647 Da                                    |
| NCBI Official Full Name          | Programmed cell death protein 1              |
| NCBI Official Synonym Full Names | programmed cell death 1                      |
| NCBI Official Symbol             | PDCD1                                        |
| NCBI Official Synonym Symbols    | PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1 |
| NCBI Protein Information         | programmed cell death protein 1              |
| UniProt Protein Name             | Programmed cell death protein 1              |
| UniProt Gene Name                | <b>PDCD1</b>                                 |
| UniProt Synonym Gene Names       | PD1; Protein PD-1; hPD-1                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pdcd1-pd-1-cd279-recombinant-antibody-functional-assay-flow-cytometry-elisa/296945>