

## Mouse anti-Human PD-1 Monoclonal Antibody | anti-PD-1 antibody

PD-1 Monoclonal Antibody

|                               |                      |                            |                                            |
|-------------------------------|----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA278887</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|-------------------------------|----------------------|----------------------------|--------------------------------------------|

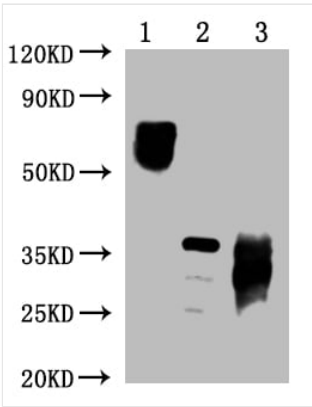
### PRODUCT SYNONYMS

PD-1; Monoclonal Antibody; PD-1 Monoclonal Antibody; CD279 antibody; CD279 antigen antibody; hPD 1 antibody; hPD I antibody; hPD-1 antibody; hSLE1 antibody; PD 1 antibody; PD-1 antibody; PD1 antibody; PDCD 1 antibody; PDCD1 antibody; PDCD1\_HUMAN antibody; Programmed cell death 1 antibody; Programmed cell death 1 protein antibody; Programmed cell death protein 1 antibody; Protein PD 1 antibody; Protein PD-1 antibody; SLEB2 antibody; Systemic lupus erythematosus susceptibility 2 antibody; anti-PD-1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                     |
| Reactivity                                     | Human                                                                                     |
| Clonality                                      | Monoclonal                                                                                |
| Isotype                                        | IgG1                                                                                      |
| Clone Number                                   | 2D8D11                                                                                    |
| Purity/Purification                            | >95%, Protein G purified                                                                  |
| Form/Format                                    | Liquid<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH7.4 |
| Applicable Applications for anti-PD-1 antibody | WB (Western Blot), ELISA                                                                  |
| Immunogen Species                              | Homo sapiens (Human)                                                                      |
| Immunogen                                      | Recombinant Human Programmed cell death protein 1 protein (21-170AA)                      |
| Conjugation                                    | Non-conjugated                                                                            |
| Preparation and Storage                        | Upon receipt, store at -20° C or -80°C. Avoid repeated freeze.                            |

IMAGES



**WB (Western Blot)**  
Western BlotPositive WB detected in: 10ug 293 whole cell lysate transfected with PD-1, 25ng recombinant protein from E.coli, 25ng recombinant protein from Mammalian cellPD-1 antibody at 1:1000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 72, 36 KDaObserved band size: 72, 36 KDaExposure time: 5min

ADDITIONAL INFORMATION

|                                                  |            |
|--------------------------------------------------|------------|
| Product Categories/Family for anti-PD-1 antibody | Immunology |
|--------------------------------------------------|------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 390979639                                                                                                |
| NCBI GeneID                      | 29126                                                                                                    |
| NCBI Accession #                 | NP_001254635.1                                                                                           |
| NCBI GenBank Nucleotide #        | NM_001267706.1                                                                                           |
| UniProt Accession #              | Q9NZQ7; Q14CJ2; Q2V8D5; Q66RK1; Q6WEX4; Q9NUZ5; B2RBA2; B4DU27                                           |
| Molecular Weight                 | 33,275 Da                                                                                                |
| NCBI Official Full Name          | programmed cell death 1 ligand 1 isoform b                                                               |
| NCBI Official Synonym Full Names | CD274 molecule                                                                                           |
| NCBI Official Symbol             | CD274                                                                                                    |
| NCBI Official Synonym Symbols    | B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1                                                               |
| NCBI Protein Information         | programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1 |
| UniProt Protein Name             | Programmed cell death 1 ligand 1                                                                         |
| UniProt Gene Name                | CD274                                                                                                    |
| UniProt Synonym Gene Names       | B7H1; PDCD1L1; PDCD1LG1; PDL1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1                   |
| UniProt Entry Name               | PD1L1_HUMAN                                                                                              |

**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.