

## anti-Human Durvalumab Monoclonal Antibody | anti-CD274 antibody

Research Grade Durvalumab

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|-------------------------------|----------------------------|
| CATALOG #<br><b>AAA120134</b> | REACTIVITY<br><b>Human</b> |
|-------------------------------|----------------------------|

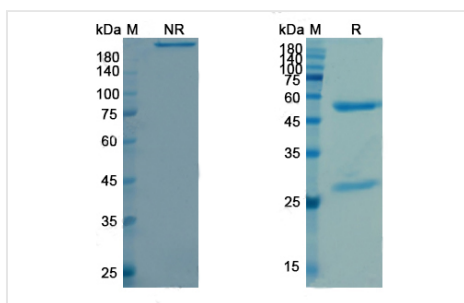
### PRODUCT SYNONYMS

Durvalumab; Monoclonal Antibody; Research Grade Durvalumab; MEDI4736; B7-H1; Programmed cell death 1 ligand 1; PDCD1 ligand 1; PDCD1L1; B7 homolog 1; PDCD1LG1; PDL1; hPD-L1; Programmed death ligand 1; B7H1; PD-L1; CD274; anti-CD274 antibody

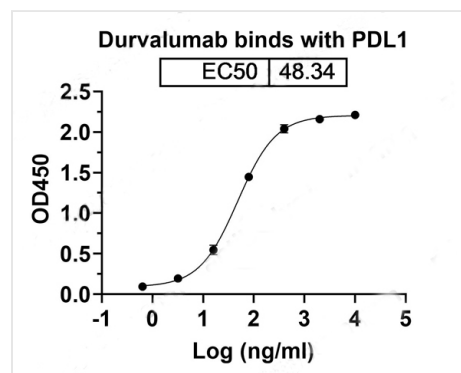
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                              |
| Clonality               | Monoclonal                                                                                                                                                                         |
| Isotype                 | IgG1-kappa                                                                                                                                                                         |
| Purity/Purification     | >95%; Protein A or G purified from cell culture supernatant.                                                                                                                       |
| Form/Format             | Liquid. PBS buffer, pH7.4                                                                                                                                                          |
| Concentration           | 1mg/ml (varies by lot)                                                                                                                                                             |
| Host Species            | Human                                                                                                                                                                              |
| CAS                     | 1428935-60-7                                                                                                                                                                       |
| Preparation and Storage | Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

### IMAGES



SDS-PAGE  
SDS PAGE for Durvalumab



Bioactivity  
Detects Human CD274/PD-L1/B7-H1 in direct ELISAs.

### ADDITIONAL INFORMATION

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Product Categories/Family for anti-CD274 antibody | Research Biosimilar |
|---------------------------------------------------|---------------------|

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| References | <p>Durvalumab after Chemoradiotherapy in Stage III Non-Small-Cell Lung Cancer, PMID: 28885881</p> <p>Overall Survival with Durvalumab after Chemoradiotherapy in Stage III NSCLC, PMID: 30280658</p> <p>Three-Year Overall Survival with Durvalumab after Chemoradiotherapy in Stage III NSCLC-Update from PACIFIC, PMID: 31622733</p> <p>Durvalumab With or Without Tremelimumab vs Standard Chemotherapy in First-line Treatment of Metastatic Non-Small Cell Lung Cancer: The MYSTIC Phase 3 Randomized Clinical Trial, PMID: 32271377</p> <p>Durvalumab, with or without tremelimumab, plus platinum-etoposide versus platinum-etoposide alone in first-line treatment of extensive-stage small-cell lung cancer (CASPIAN): updated results from a randomised, controlled, open-label, phase 3 trial, PMID: 33285097</p> |
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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.