

## Rabbit CD274 Polyclonal Antibody | anti-CD274 antibody

(KO Validated) CD274 Polyclonal Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA179282</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

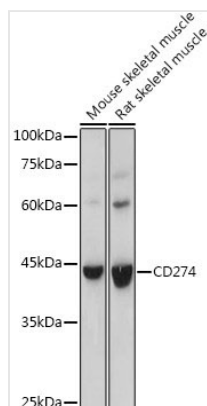
### PRODUCT SYNONYMS

CD274; Polyclonal Antibody; (KO Validated) CD274 Polyclonal Antibody; PD-; B7h1; Pdl1; Pdcd1l; Pdcd1l1; Pdcd1lg1; A530045L16Rik; anti-CD274 antibody

### PRODUCT SPECIFICATIONS

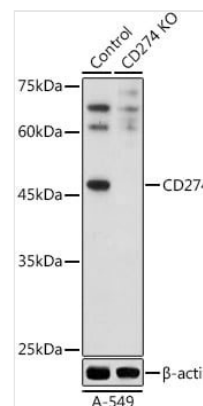
|                                                 |                                                           |
|-------------------------------------------------|-----------------------------------------------------------|
| Host                                            | Rabbit                                                    |
| Reactivity                                      | Human, Mouse, Rat                                         |
| Clonality                                       | Polyclonal                                                |
| Isotype                                         | IgG                                                       |
| Purity/Purification                             | Affinity purification                                     |
| Form/Format                                     | PBS with 0.05% proclin300,50% glycerol,pH7.3.             |
| Concentration                                   | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-CD274 antibody | WB (Western Blot)                                         |
| Immunogen                                       | Recombinant fusion protein of mouse CD274                 |
| Preparation and Storage                         | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines using CD274 Polyclonal Antibody at 1:500 dilution.



#### WB (Western Blot)

Western blot analysis of extracts from normal (control) and CD274 knockout (KO) A-549 cells, using CD274 Polyclonal Antibody at 1:500 dilution.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD274 antibody | The protein encoded by this gene is an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and various types of tumor cells. The encoded protein is type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Mice deficient for this gene display a variety of phenotypes including decreased allogeneic fetal survival rates and severe experimental autoimmune encephalomyelitis. |
| Product Categories/Family for anti-CD274 antibody   | <a href="#">Antibodies</a> ; <a href="#">Primary Antibodies</a> ; <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| NCBI GI #                        | 11230798                                                                                  |
| NCBI GeneID                      | 60533                                                                                     |
| NCBI Accession #                 | NP_068693.1                                                                               |
| NCBI GenBank Nucleotide #        | NM_021893.3                                                                               |
| UniProt Accession #              | Q9EP73                                                                                    |
| NCBI Official Full Name          | programmed cell death 1 ligand 1                                                          |
| NCBI Official Synonym Full Names | CD274 antigen                                                                             |
| NCBI Official Symbol             | Cd274                                                                                     |
| NCBI Official Synonym Symbols    | B7h1; Pdl1; Pdcd1l1; Pdcd1lg1; A530045L16Rik                                              |
| NCBI Protein Information         | programmed cell death 1 ligand 1; B7 homolog 1; PDCD1 ligand 1; programmed death ligand 1 |
| UniProt Protein Name             | Programmed cell death 1 ligand 1                                                          |
| UniProt Gene Name                | <b>Cd274</b>                                                                              |
| UniProt Synonym Gene Names       | B7h1; Pdcd1l1; Pdcd1lg1; Pdl1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1    |
| UniProt Entry Name               | PD1L1_MOUSE                                                                               |

**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.