

## PD-L2 Antibody / CD273 (R32447)

| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| R32447      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                             |
| <b>Species Reactivity</b> | Human                                                         |
| <b>Format</b>             | Antigen affinity purified                                     |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                    |
| <b>Isotype</b>            | Rabbit IgG                                                    |
| <b>Purity</b>             | Antigen affinity                                              |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide |
| <b>UniProt</b>            | Q9BQ51                                                        |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml                                     |
| <b>Limitations</b>        | This PD-L2 antibody is available for research use only.       |



Western blot testing of human HeLa cell lysate with PD-L2 antibody at 0.5ug/ml.  
Expected molecular weight: 31-60 kDa depending on glycosylation level.

## Description

Programmed cell death 1 ligand 2 (also known as PD-L2, B7-DC) is a protein that in humans is encoded by the PDCD1LG2 gene. It is mapped to chromosome 9p24.2. PD-L2 is one of two ligands for programmed death-1 (PD-1), a member of the CD28 family of immuno-receptors. Northern blot analysis detect wide expression of PDL2, with highest levels in placenta, heart, pancreas, lung, and liver, and lower levels in spleen, lymph nodes, and thymus. PDL2 negatively regulates T cells and plays an essential role in immune tolerance.

## Application Notes

Optimal dilution of the PD-L2 antibody should be determined by the researcher.

## Immunogen

Amino acids L20-T220 were used as the immunogen for the PD-L2 antibody.

## Storage

Prior to reconstitution, store at 4oC. After reconstitution, the PD-L2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.