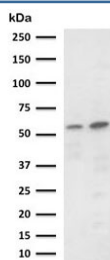


## PD-L2 Antibody [clone CDLA273-1] (V7546)

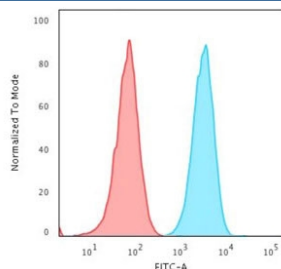
| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V7546-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V7546-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V7546SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

[Bulk quote request](#)

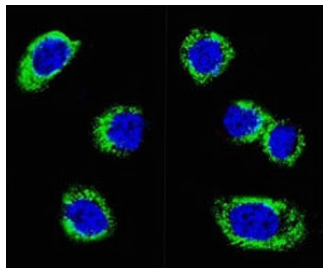
|                           |                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                                        |
| <b>Species Reactivity</b> | Human                                                                                                    |
| <b>Format</b>             | Purified                                                                                                 |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                                                                |
| <b>Isotype</b>            | Mouse IgG1, kappa                                                                                        |
| <b>Clone Name</b>         | CDLA273-1                                                                                                |
| <b>Purity</b>             | Protein G affinity chromatography                                                                        |
| <b>UniProt</b>            | Q9BQ51                                                                                                   |
| <b>Localization</b>       | Cytoplasm, cell surface                                                                                  |
| <b>Applications</b>       | Western Blot : 1-2ug/ml<br>Flow Cytometry : 1-2ug/10 <sup>6</sup> cells<br>Immunofluorescence : 1-2ug/ml |
| <b>Limitations</b>        | This PD-L2 antibody is available for research use only.                                                  |



Western blot testing of 1) human Raji and 2) mouse RAW264.7 cell lysate with PD-L2 antibody (clone CDLA273-1). Expected molecular weight: 31-60 kDa depending on glycosylation level.



Flow cytometry testing of human Jurkat cells with PD-L2 antibody (clone CDLA273-1); Red=isotype control, Blue= PD-L2 antibody.



Immunofluorescent staining of human Jurkat cells with PD-L2 antibody (green, clone CDLA273-1) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

## Description

PD-L2/PDCD1LG2 is involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production. [UniProt]

## Application Notes

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

## Immunogen

A recombinant fragment of human PD-L2 protein within amino acids 27-220 was used as the immunogen for the PD-L2 antibody.

## Storage

Store the PD-L2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).