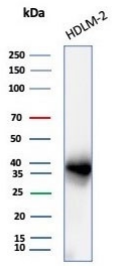
PD-L1 Antibody PDL1/8222R / CD274 [clone PDL1/8222R] (V5291)

Catalog No.	Formulation	Size
V5291-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5291-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5291SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

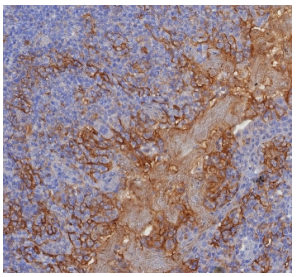
Recombinant RABBIT MONOCLONAL

Bulk quote request

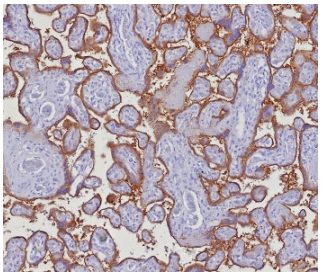
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	PDL1/8222R
Purity	Protein A/G affinity
UniProt	Q9NZQ7
Localization	Cell Surface, Cytoplasm
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This PD-L1 Antibody PDL1/8222R is available for research use only.



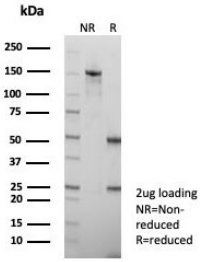
PD-L1 Antibody PDL1/8222R WB. Western blot testing of human HDLM-2 cell lysate with PD-L1 antibody (clone PDL1/8222R). Predicted molecular weight ~34 kDa (unmodified), 45-70 kDa (glycosylated).



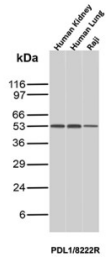
PD-L1 Antibody PDL1/8222R Tonsil Immunohistochemistry. IHC staining of FFPE human tonsil tissue with PD-L1 antibody (clone PDL1/8222R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



PD-L1 Antibody PDL1/8222R Placenta Immunohistochemistry. IHC staining of FFPE human placental tissue with PD-L1 antibody (clone PDL1/8222R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free PD-L1 antibody (clone PDL1/8222R) as confirmation of integrity and purity.



PD-L1 Antibody PDL1/8222R in Human Tissues and Raji Cells WB. Western blot testing of PD-L1 Antibody PDL1/8222R / CD274 in human kidney, human lung and Raji B lymphocyte cell lysates. A prominent band is observed at approximately 50 kDa across the tested samples, above the predicted molecular weight of ~33 kDa for unmodified PD-L1/CD274. The higher apparent molecular weight is consistent with the established N-linked glycosylation of mature PD-L1. This PD-L1 Antibody demonstrates detection of glycosylated CD274 in human tissue and cell lysates.

Description

PD-L1 Antibody PDL1/8222R detects Programmed cell death 1 ligand 1, a checkpoint regulator in immune cells, it is expressed on immune or non-hematopoietic cells. Expression of the protein is seen during pregnancy where it has a role in suppressing the immune system. PD-L1 induces an inhibitory signal in activated T-cells and promotes T-cell apoptosis. It is overexpressed in a number of different cancers where it is believed to play a significant role in the cancers ability to evade the immune system.

For additional reagents and information on CD274 signaling and tumor immune evasion, visit our microarray-validated PD-L1 Antibody / Tumor Microenvironment Immune Checkpoint Antibody page.

Application Notes

Optimal dilution of the PD-L1 Antibody PDL1/8222R should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 190-290) from the human protein was used as the immunogen for the PD-L1 antibody.

Storage

Aliquot the PD-L1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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