

## Product Datasheet

# Recombinant PD-L1 Antibody / B7-H1 / CD274 (orb2635796)

<b>Catalog Number</b>	orb2635796
<b>Category</b>	Antibodies
<b>Description</b>	PD-L1 is 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 cancer s ability to evade the immune system.
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
<b>Purification</b>	Protein A/G affinity
<b>Immunogen</b>	A recombinant fragment (within amino acids 190-290) of human CD274 protein was used as the immunogen for the recombinant PD-L1 antibody.
<b>UniProt ID</b>	<b>Q9NZQ7</b>
<b>Tested applications</b>	IHC-P, WB
<b>Dilution range</b>	Immunohistochemistry (FFPE): 1-2ug/ml,Western blot: 2-4ug/ml

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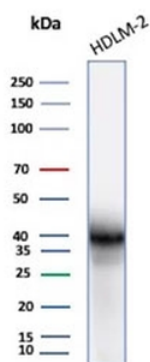
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<b>Application notes</b>	Optimal dilution of the recombinant PD-L1 antibody should be determined by the researcher.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	PDL1/8195R
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Western blot testing of human HDLM-2 cell lysate using recombinant PD-L1 antibody (clone rCD274/8195R). Predicted molecular weight ~34 kDa (unmodified), 45-70 kDa (glycosylated).

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