

Product Datasheet

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

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

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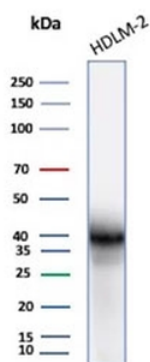
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Application notes	Optimal dilution of the recombinant PD-L1 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	PDL1/8195R
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store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