

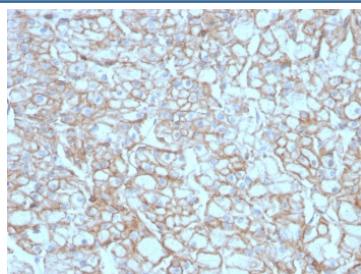
## Recombinant PD-L1 Antibody / B7-H1 / CD274 [clone PDL1/4451R] (V8067)

Catalog No.	Formulation	Size
V8067-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8067-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8067SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

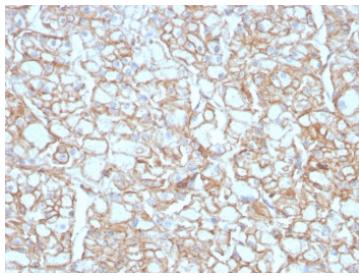
Recombinant **RABBIT MONOCLONAL**

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	PDL1/4451R
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	Q9NZQ7
<b>Localization</b>	Cell surface, cytoplasm
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This recombinant PD-L1 antibody is available for research use only.



IHC testing of FFPE lung SCC with recombinant PD-L1 antibody (clone PDL1/4451R).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



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## 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.

## Application Notes

Optimal dilution of the recombinant PD-L1 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 39-191 from the human protein was used as the immunogen for this recombinant PD-L1 antibody.

## Storage

Store the recombinant PD-L1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).