Recombinant PD-L1 / PDCD1LG1 / CD274 / B7-H1 (Cancer Immunotherapy Target) Antibody

Rabbit Monoclonal Antibody [Clone PDL1/8591R]

Catalog No	Format	Size
29126-RBM27-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
29126-RBM27-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
29126-RBM27-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

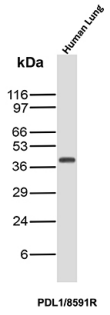
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

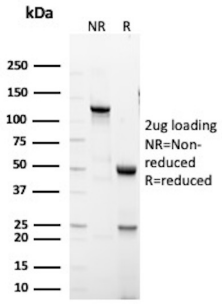
Clone	PDL1/8591R
Immunogen	Recombinant fragment (around aa190-290) of the human CD274 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	33.27kDa
Cellular Localization	Cell membrane, Early endosome membrane, Endomembrane system, Nucleus, Recycling endosome membrane, Secreted
Species Reactivity	Human
Positive Control	Human placenta|spleen or tonsil tissue. Lung

**Optimal dilution for a specific application should be determined.*

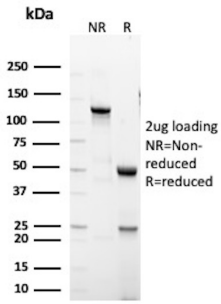
Product Images for Recombinant PD-L1 / PDCD1LG1 / CD274 / B7-H1 (Cancer Immunotherapy Target) Antibody



Western Blot Analysis of Human Lung tissue lysate using CD274 Rabbit Recombinant Monoclonal Antibody (PDL1/8591R).



SDS-PAGE Analysis of Purified Programmed cell death 1 ligand 1Recombinant Rabbit Monoclonal Antibody (PDL1/8591R). Confirmation of Purity and Integrity of Antibody.



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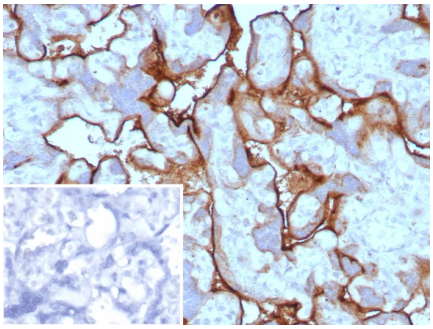

Formalin-fixed, paraffin-embedded human placenta stained with PD-L1 Recombinant Rabbit Monoclonal Antibody (PDL1/8591R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.