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

Rabbit Monoclonal Antibody [Clone ZR3]

Catalog No	Format	Size
29126-RBM17-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
29126-RBM17-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
29126-RBM17-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

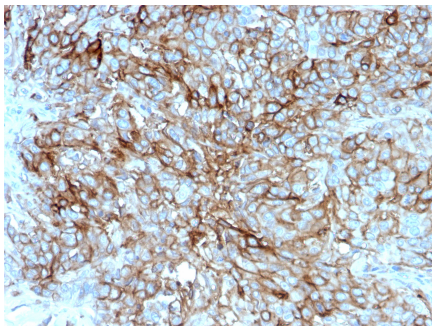
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	ZR3
Gene Name	CD274
Immunogen	Recombinant fragment (around aa190-290) of human CD274 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	37-50kDa
Cellular Localization	Cell membrane, Early endosome membrane, Endomembrane system, Recycling endosome membrane
Species Reactivity	Human
Positive Control	Human placenta, spleen or tonsil tissue.

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

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



Formalin-fixed, paraffin-embedded human breast stained with PDL1 Recombinant Rabbit Monoclonal Antibody (ZR3). HIER: Tris/EDTA, pH9.0, 45min. 2°: HRP-polymer, 30min. DAB, 5min.

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 purified from Bioreactor Concentrate by Protein A/G. 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.

Research Areas

Immunology, Mast Cell Marker, PD-1 blockade immunotherapy, Signal Transduction

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.