

CD274 (PD-L1) clone rPDL1/4772

Recombinant Mouse Monoclonal Antibody

Instruction for Use

Specification:

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.

Availability:

Catalog No.	Contents	Volume
ILM2740-C01	CD274	0,1 ml concentrate
ILM2740-C05	CD274	0,5 ml concentrate
ILM2740-C1	CD274	1,0 ml concentrate

Intended use: For Research Use Only

Reactivity: Human

Clone: rPDL1/4772

Species of origin: Recombinant Mouse

Isotype: IgG2a, Kappa

Gene ID: 29126

SwissProt: Q9NZQ7

Unigene: 521989

Control Tissue: Placenta, spleen, tonsil

Staining: Membranous and cytoplasmatic

Immunogen: KLH-conjugated linear peptide corresponding to human PD-L1

Presentation: Bioreactor Concentrate with 0.05% Azide

Application and suggested dilutions:

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:50-1:100)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a Goat anti-Mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.