

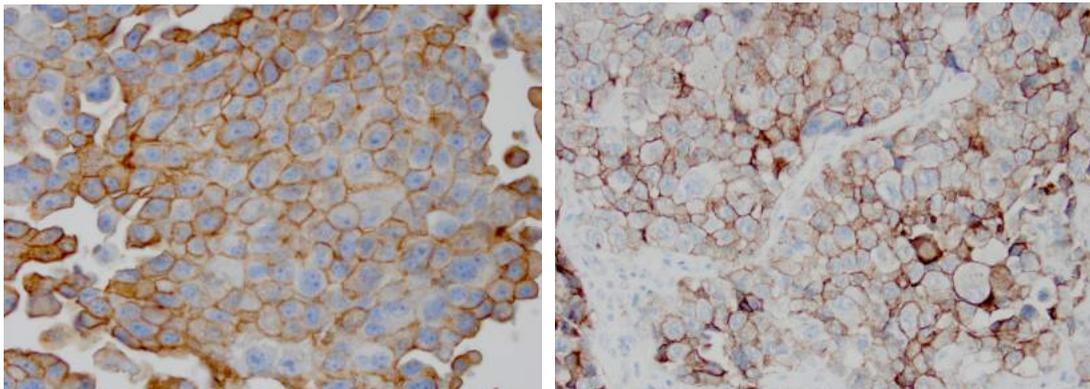
PD-L1 (Clone ZR3) Rabbit Monoclonal Antibody

- Specificity:** Human. Others-not tested
- Immunogen:** KLH-conjugated linear peptide corresponding to human PD-L1
- Ig Class:** Rabbit IgG
- Storage:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:200. *Positive Control:* Placenta or lung adenocarcinoma. *Cellular Localization:* Membrane. *Intended Use:* In vitro diagnosis (IVD).

Description: Programmed cell death ligand 1 (PD-L1) also known as cluster of differentiation (CD274) or B7 homolog 1 (B7-H1) is a type 1 transmembrane protein involved in the regulation of cellular and humoral immune responses. The interaction of PD-L1 with its receptor PD-1 provides both stimulatory and inhibitory signals in regulating T cell activation and tolerance during pregnancy, tissue allografts, autoimmune disease and malignant transformation. The binding of PD-L1 to PD-1 induces apoptosis or exhaustion in activated T cells, and blockade of this interaction has been shown to enhance the antitumor activity of T cells. PD-L1 is frequently over expressed in placenta, and many human tumors such as melanoma, diffuse large B-cell lymphoma, and carcinomas of the lung, bladder, breast, kidney and colon.

Supplied As: Purified antibody fraction from culture medium with 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human lung adenocarcinoma stained with anti-PD-L1 (Clone ZR3, Left) and clone (22C3, right) using peroxidase-conjugate and DAB chromogen. Note membranous staining of tumor cells

Cat. #: Z2002S (0.5 ml) Cat. #Z2002 (1.0 ml)

