

# Anti-Human PD-L1 (IB6) Antibody

**Product Code:** ICH4018A-0.1mg

**More Information**

**Species Reactivity:** Human

**Target:** PD-L1

**Concentration:** 1.0 - 5.0 mg/ml

**Isotype:** Human IgG1 Kappa

**Host:** Humanized

**Size:** 0.1mg

**UniProt:** Q9NZQ7

**Shipping Conditions:** Blue ice

**background:** PD-L1 is an inhibitory immune checkpoint ligand that engages PD-1 to dampen T-cell activity and is a cornerstone target in cancer immunotherapy research. Clone IB6 is a human IgG1-kappa monoclonal antibody against human PD-L1, suited to checkpoint-blockade and immune-modulation studies. Anti-PD-L1 clone IB6 is supplied in a low-endotoxin format suitable for in vivo use and produced in scalable milligram to gram quantities for bulk and high-throughput laboratories. With consistent lot-to-lot performance, IB6 is a dependable reagent for tumour immunology, T-cell biology, and preclinical checkpoint research. It is a non-therapeutic product intended strictly for research use only.

**Other names:** Programmed cell death 1 ligand 1, Cd274, PDCD1 ligand 1, Programmed death ligand 1, B7 homolog 1, B7-H1, B7h1, Pdc1l1, Pdc1lg1, Pdl1, PDL-1

**clone:** IB6

**Specificity:** Detects human PDL-1.

**Purification Method:** This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.



**Formulation:** Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.

**Purity:** >95% by SDS-PAGE and HPLC

**Endotoxin:**  $\leq 1.0$  EU/mg as determined by the LAL method

**Storage:** Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid Repeated Freeze Thaw Cycles.

**Application Notes:** This antibody is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.