

Data Sheet

PD-L1 (CD274) Neutralizing Antibody

Recombinant, Human Monoclonal Antibody
 Anti-PD-L1 (CD274)

Catalog #: w81224

Lot #: 140716-D **Conc.:** 2.4 mg/ml

Host Species | Isotype:

Human | IgG1k

Formulated in: 8 mM phosphate, 110 mM NaCl, 2.2 mM KCl, pH 7.4, and 20% glycerol

Endotoxin Level: <1 EU/μg

Stability: Stable for at least 12 months at -80°C. Avoid freeze/thaw cycles. Store diluted antibody with carrier protein (BSA 0.1 – 0.5%) at 4 °C, stable for 2 weeks.

References:

1. Freeman, G.J., *et al.*, *J. Exp. Med.* 2000; **192(7)**: 1027-1034.
2. Dong, H., *et al.*, *Nat. Med.* 1999; **5(12)**: 1365-1369.

Description: Neutralizing recombinant human monoclonal antibody recognizing the extracellular domain of PD-L1 and blocking the binding of PD-L1 to PD-1. This antibody has been shown to cross-react with mouse PD-L1. No other species have been tested.

IC50: 11 nM using PD-1:PD-L1[Biotinylated] Inhibitor Screening Assay Kit (West Bioscience, Cat. #w82014).

Assay Conditions: Antibody was added to PD-1:PD-L1 binding assay at various concentrations. Assay was done according to WestBio Cat. #w82014 protocol.

Purification: Protein A affinity chromatography from HEK293 supernatants.

Applications: Useful for inhibition of PD1:PD-L1 interactions.

Image(s):

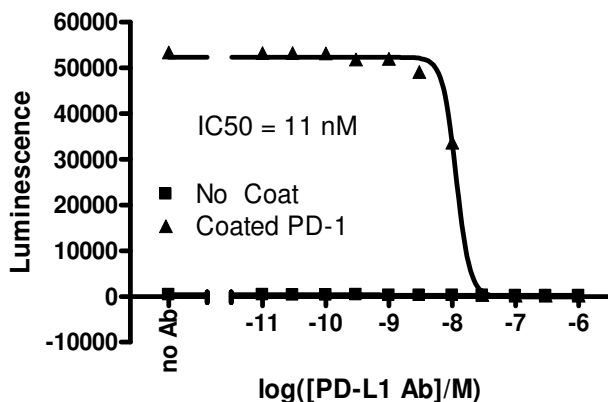


Figure 1. Wells were coated with 100 ng of PD-1, Fc fusion (WestBio Cat. #w81117). 40 ng of PD-L1, Biotin-labeled (WestBio Cat. #w81116) and varying concentrations of PD-L1 Neutralizing Antibody (WestBio Cat. #w80053) were added and plate was incubated at room temperature for 2 hours. Straptavidin-HRP was added, followed by HRP substrate and chemiluminescence was read.

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