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PD-L1 (N) Antibody, Rabbit Polyclonal

Cat#: R0586-1

Quantity: 100 ul

Predicted | Observed MW: 33 | 33, 50-60 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9EP73

Background:

Programmed cell death 1 ligand 1 (CD274) is a single-pass type I membrane protein that belongs to the immunoglobulin superfamily and the BTN/MOG family. CD274 is involved in the costimulatory signal essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. CD274's interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production.

Other Names:

Programmed cell death 1 ligand 1, PD-L1, PDCD1 ligand 1, Programmed death ligand 1, B7 homolog 1, B7-H1, B7h1, Pdc1l1, Pdc1lg1, Pdl1, CD274, Cd274

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of mouse PD-L1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

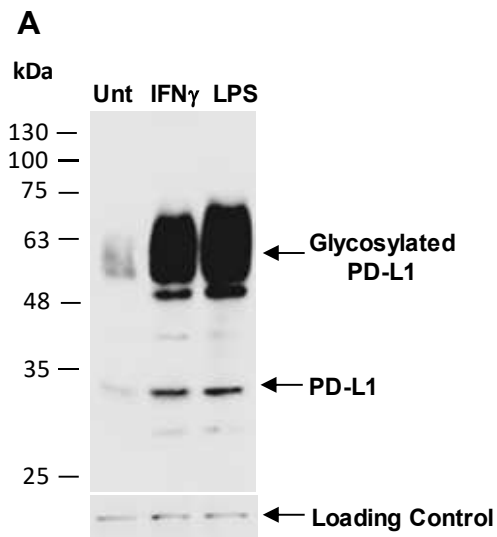


Fig 1. Western blot analysis of equal amounts of protein extracts from mouse bone marrow-derived macrophages, untreated (Unt) or treated with Interferon-gamma (IFN γ , 10 ng/ml) or LPS (20 ng/ml) for 20 hrs, using anti-PD-L1(N) (R0586-1) at RT for 2 h.