

Product Datasheet

PD-L1 (CD274) Antibody

Catalog No: CY5980

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: Q9NZQ7

All Names: B7-H; B7H1; MGC142294; MGC142296; PD-L1; PDCD1L1; PDCD1LG1; PDL1; CD274;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 45 kDa

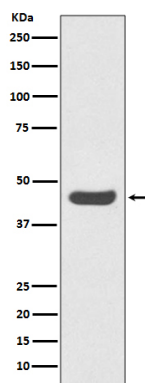
Application

WB 1:100~1:500

IHC 1:50~1:100

Background

Programmed cell death ligand 1(CD274, or B7-H1, PD-L1), is the first member of B7 family to be discovered. B7 family molecules are type I transmembrane proteins belonging to the immunoglobulin superfamily. In concert with their CD28 family receptors, the B7s are key regulators of the adaptive immune response. CD274 is suggested a negative regulator of T and B cell, and play important role in mediating tolerance of lymphocytes to self-antigens. It also involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PDCD1-independent manner.



Western blot analysis of PD-L1 (CD274) expression in Ramos cell lysate.

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