

Anti-PD-L1/CD274 Antibody Picoband® HRP Conjugated

Catalog Number: PB9994-HRP

About Cd274

Programmed death-ligand 1 (PD-L1), also known as CD274 or B7-H1, is a protein that in humans is encoded by the CD274 gene. It is mapped to 9p24.1. PD-L1 is a 40kDa type 1 transmembrane protein that has been speculated to play a major role in suppressing the immune system during particular events such as pregnancy, tissue allografts, autoimmune disease and other disease states such as hepatitis. It has been concluded that upregulation of PD-L1 on tumor MDCs downregulates T-cell immunity and that PD-L1 blockade may represent an approach for cancer immunotherapy. Additionally, PD-L1 can provide positive costimulatory signals for innate and adaptive immunity and for protection against intracellular bacterial infection. What's more, it has been found that PD1/PDL1 pathway may be a good target for restoring antitumor immunity in ovarian cancer.

Overview

Product Name	Anti-PD-L1/CD274 Antibody Picoband® HRP Conjugated
Reactive Species	Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9EP73

Technical Details

Immunogen	E. coli-derived mouse PD-L1 recombinant protein (Position: F19-T238). Mouse PD-L1 shares 78.6% amino acid (aa) sequence identity with human PD-L1.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

1 Publications Citing This Product

1. PubMed ID: 30359281, CD25 and TGF- β 2 blockade based on predictive integrated immune ratio inhibits tumor growth in pancreatic cancer

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