

Datasheet for ABIN7443125
anti-PD-L1 antibody (AA 34-241)



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2 Images

Overview

Quantity:	100 µL
Target:	PD-L1
Binding Specificity:	AA 34-241
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PD-L1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (PDL1)
Immunogen:	Recombinant Programmed Cell Death Protein 1 Ligand 1 (PDL1) corresponding to Ser34~Val241 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PDL1. It has been selected for its ability to recognize PDL1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

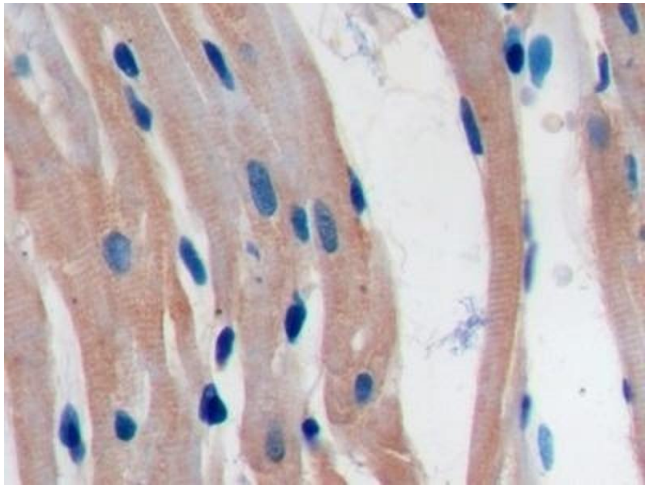
Target:	PD-L1
Alternative Name:	PDL1 (PD-L1 Products)
Background:	CD274, PDCD1LG1, B7-H, B7H1, PD-L1, PDCD1L1, PDCD1-LG1, Programed Death Ligand 1
UniProt:	D4AE25
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

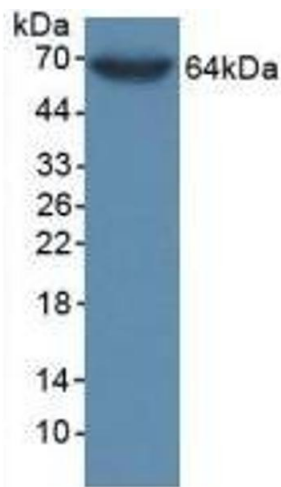
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of PDL1 in Rat Cardiac Muscle Tissue using Polyclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (PDL1)



Western Blotting

Image 2. Detection of Recombinant PDCD1LG1, Rat using Polyclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (PDL1)