

Datasheet for ABIN7428620
anti-PD-L1 antibody (AA 24-234)



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2 Images

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | PD-L1 |
| Binding Specificity: | AA 24-234 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This PD-L1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|-------------------|---|
| Purpose: | Monoclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (PDL1) |
| Immunogen: | Recombinant Programmed Cell Death Protein 1 Ligand 1 (PDL1) corresponding to Pro24~Pro234 with N-terminal His Tag |
| Clone: | C1 |
| Isotype: | IgG1 kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against PDL1. It has been selected for its ability to recognize PDL1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Pig |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

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| 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: | Q9NZQ7 |
| Pathways: | Cancer Immune Checkpoints |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-3 µg/mL, Immunohistochemistry: 5-30 µg/mL, Immunocytochemistry: 5-30 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 |

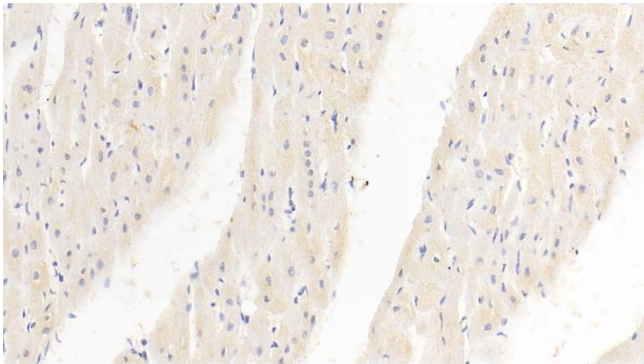
Handling

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|--------------------|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: 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 |



Western Blotting

Image 1. Detection of PDL1 in Porcine Skeletal muscle lysate using Monoclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (PDL1)



Immunohistochemistry

Image 2. Detection of PDL1 in Human Cardiac Muscle Tissue using Monoclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (PDL1)