



Rabbit Anti-Human CD274 Monoclonal Antibody, clone CQ7252 (CABT-Z184R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Immunogen | Recombinant full length protein corresponding to Human PD-L1 (extracellular). |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Clone | CQ7252 |
| Purification | ProA affinity purified IgG. |
| Conjugate | Unconjugated |
| Applications | IHC-P Recommended concentration: IHC-P: 1:100-1:200 |
| Molecular Weight | 33 kDa |
| Cellular Localization | Membrane |
| Positive Control | Placenta |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 100 µl |
| Buffer | PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%. |

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| Preservative | 0.01% Sodium azide |
| Storage | Store at -20 °C. Avoid freeze/thaw cycles. |
| Ship | Wet ice |

BACKGROUND

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| Introduction | Programmed cell death ligand 1 (PD-L1) also known as cluster of differentiation 274 (CD274) or B7 homolog 1 (B7-H1) is a type 1 transmembrane protein involved in the regulation of cellular and humoral immune responses. The interaction of PD-L1 with its receptor PD-1 provides both stimulatory and inhibitory signals in regulating T cell activation and tolerance during pregnancy tissue allografts, autoimmune disease and malignant transformation. |
| Keywords | CD274; CD274 molecule; B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1; programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1 |

GENE INFORMATION

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| Gene Name | CD274 |
| Entrez Gene ID | 29126 |
| UniProt ID | Q9NZQ7 |
