



# Rabbit Anti-Human PDCD1LG1 Polyclonal Antibody (CABT-L2061)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Programmed Cell Death Protein 1 Ligand 1 (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against PDCD1LG1. It has been selected for its ability to recognize PDCD1LG1 in immunohistochemical staining and western blotting.
<b>Target</b>	PDCD1LG1
<b>Immunogen</b>	Recombinant fragment corresponding to human CD274 (Pro24~Pro234)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

<b>Introduction</b>	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. Interaction with PDCD1 inhibits T-cell proliferation and cytokine production.
<b>Keywords</b>	CD274;PDL1;B7-H;B7H1;PD-L1;PDCD1L1;PDCD1-LG1;Programed Death Ligand 1

## GENE INFORMATION

<b>Gene Name</b>	CD274 CD274 molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD274
<b>Synonyms</b>	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;
<b>Protein Refseq</b>	NP_001254635
<b>UniProt ID</b>	<a href="#">Q0GN75</a>
<b>Chromosome Location</b>	9p24
<b>Pathway</b>	Adaptive Immune System; Cell adhesion molecules (CAMs); Costimulation by the CD28 family; Immune System; PD-1 signaling;
<b>Function</b>	protein binding;