

# PD-L2 Polyclonal Antibody

Catalog # AP74073

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q9BQ51</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	30957

## Additional Information

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<b>Gene ID</b>	80380
<b>Other Names</b>	Programmed cell death 1 ligand 2 (PD-1 ligand 2) (PD-L2) (PDCD1 ligand 2) (Programmed death ligand 2) (Butyrophilin B7-DC) (B7-DC) (CD antigen CD273)
<b>Dilution</b>	WB~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000 IHC-P~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000 IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	PDCD1LG2
<b>Synonyms</b>	B7DC, CD273, PDCD1L2, PDL2
<b>Function</b>	Plays a critical role in induction and maintenance of immune tolerance to self (PubMed: <a href="#">11224527</a> , PubMed: <a href="#">12538684</a> ). Acts as a ligand for the inhibitory receptor PDCD1/PD-1, inhibiting T-cell proliferation by blocking cell cycle progression and cytokine production (PubMed: <a href="#">11224527</a> ).
<b>Cellular Location</b>	[Isoform 3]: Secreted [Isoform 1]: Cell membrane; Single-pass type I membrane protein
<b>Tissue Location</b>	Highly expressed in heart, placenta, pancreas, lung and liver and weakly expressed in spleen, lymph nodes and thymus

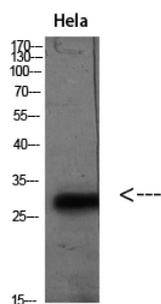
## Background

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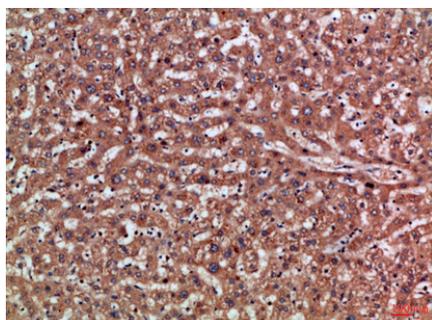
Involved in the costimulatory signal, essential for T- cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).

## Images

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Western blot analysis of HeLa(TSA 400nM 24h) lysate, antibody was diluted at 2000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human-liver, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.