

## PD-L2 Polyclonal Antibody

Cat #: ABP59870

Size: 30µl /100µl /200µl

### Product Information

	<b>Product Name:</b> PD-L2 Polyclonal Antibody		
	<b>Applications:</b> WB, IHC-P, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human		
<b>REF</b>	<b>Catalog Number:</b> ABP59870	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** PDCD1LG2 (Programmed Cell Death 1 Ligand 2) is a Protein Coding gene. Diseases associated with PDCD1LG2 include Cysticercosis and Myasthenic Syndrome, Congenital, 14, With Tubular Aggregates. Among its related pathways are T Cell Co-Signaling Pathway: ligand-Receptor Interactions and Translocation of ZAP-70 to Immunological synapse. An important paralog of this gene is CD274. 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).

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:500-1:200), ELISA (1:10000-1:20000).

**Storage Buffer:** PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

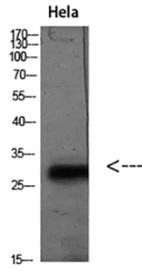


Fig.1. Western blot analysis of HeLa (TSA 400nM 24h) lysate, antibody was diluted at 1:2000. HRP, Goat Anti-Rabbit IgG (Cat #: A21020) secondary antibody was diluted at 1:20000.

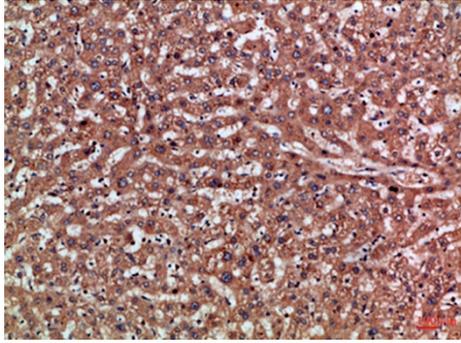


Fig.2. Immunohistochemical analysis of paraffin-embedded Human-liver, antibody was diluted at 1:100.

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