

## Human PD-L2 Antibody Pair Set

**Catalog No.** E-KAB-0436 **Applications** ELISA  
**Synonyms** B7DC;Btdc;CD273;MGC142238;MGC142240;PD-L2;PDCD1L2;PDL2

### Kit components & Storage

Title	Specifications	Storage
Human PD-L2 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human PD-L2 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

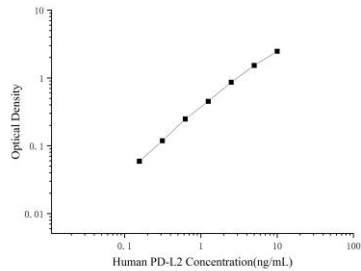
### Product Information

Items		Characteristic (E-KAB-0436)	
		Human PD-L2 Capture Antibody	Human PD-L2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human PD-L2 protien	Recombinant Human PD-L2 protien
	Swissprot	Q9BQ51	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Protein A or G	Protein A or G
	Specificity	Detects Human PD-L2 in ELISAs.	

### For Research Use Only

## Applications

### Human PD-L2 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human PD-L2 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human PD-L2 Detection Antibody (Biotin)	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

Programmed cell death 1 ligand 2 (also known as PD-L2 , B7-DC) is a protein that in humans is encoded by the PDCD1LG2 gene. PDCD1LG2 has also been designated as CD273 (cluster of differentiation 273) . 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.

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