

## PD-L1/CD274 Recombinant antibody

**Cat:**B16013R

**Company:** HaoKebio

**Uniprot ID:**Q9NZQ7

**Applications:** IHC:1:5000-1:20000

**Organism:**Mouse

IHC-Polymer:1:20000-1:80000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:25000-1:100000

**Molecular Weight Calculation:**33 kDa

IF:1:250-1:1000

**Observed Molecular Weight:**40-50 kDa

WB:1:2000-1:10000

### Background:

PD-L1, also known as CD274 or B7H1, stands for programmed cell death ligand 1. It is a type I transmembrane protein that is thought to repress immune responses by binding to its receptor (PD1), thus inhibiting T-cell activation, proliferation, and cytokine production. It contains V-like and C-like immunoglobulin domains. PD-L1 expression is regulated by various cytokines, such as TNF- $\alpha$  or LPS. Increased expression of this protein in certain types of cancers, e.g., renal cell carcinoma or colon cancer, correlates with poor prognosis.

### Protein full name:

CD274 molecule

### Synonyms:

CD274, PD-L1, PDCD1 ligand 1, PD L1, hPD-L1

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Membrane

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

 PBS with 0.02% sodium azide, 100  $\mu$ g/ml BSA and 50% glycerol.

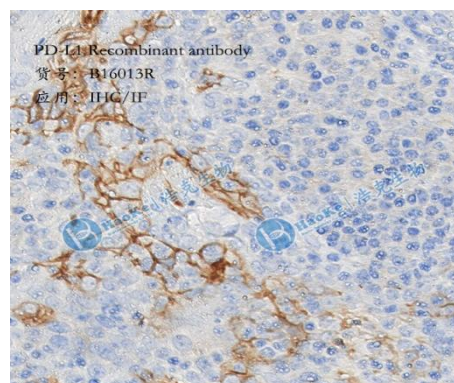
### Storage:

Store at -20 °C for one year.

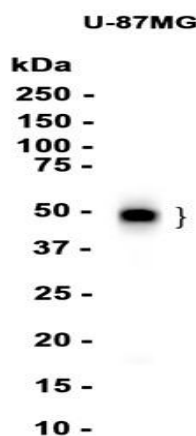
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse tumor, 4% PFA 12-24h



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

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由杭州浩克生物技术有限公司提供;

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echnology Co., Ltd.