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# PD-L1/CD274 Rabbit pAb

货号: **AYP11104**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<p><b>IHC:</b> Human gastric cancer tissue,Human gastric mucosa , Human liver cancer , Mus musculus , Homo sapiens</p> <p><b>WB:</b> Homo sapiens , Mus musculus , Rattus norvegicus</p> <p><b>WB FC:</b> Homo sapiens</p> <p><b>IF:</b> Mus musculus , Homo sapiens</p> <p><b>Drug antibody:</b> Homo sapiens</p> <p><b>PD-1/PD-L1 inhibitor resistance experiments:</b> Mus musculus</p>
应用	WB IHC IF/ICC
推荐浓度	<p><b>WB:</b> 1:100 - 1:500</p> <p><b>IHC:</b> 1:50 - 1:200</p> <p><b>IF/ICC:</b> 1:50 - 1:200</p>
理论分子量	20kDa/33kDa
实测分子量	40-50KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart
细胞定位	Cell membrane,Endomembrane system,Single-pass type I membrane protein
纯化	Affinity purification

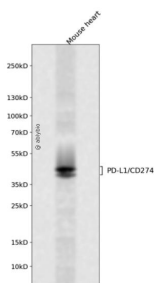
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-50 of human PD-L1/CD274 (NP_054862.1).
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## 靶点信息

研究背景	This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants.
基因ID	29126
基因名	CD274
Swiss	Q9NZQ7 ( <a href="https://www.uniprot.org/uniprotkb/Q9NZQ7/entry">https://www.uniprot.org/uniprotkb/Q9NZQ7/entry</a> )
别名	B7-H,B7H1,PDL1,PD-L1,PDCD1L1,PDCD1LG1,CD274,PD-L1/CD274 Rabbit pAb,B7 homolog 1

## 产品验证



Western blot analysis of PD-L1/CD274 expressed in Mouse heart using PD-L1/CD274 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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