

## Anti-PD-L1 Polyclonal Antibody 2

### Product Details

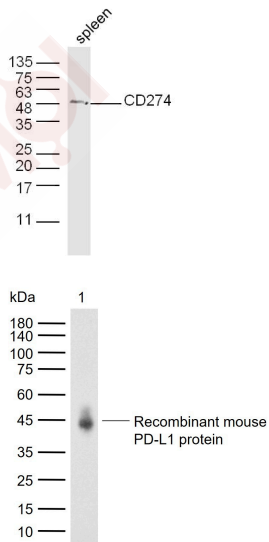
Ig Type: IgG  
Reactivity: Human, Mouse, Rat (predicted: Pig, Cow, Horse, Sheep)  
Molecular Weight: Theoretical: 32 kDa. Actual: 53 kDa.  
Purification: Protein A purified

### Applications

1. Sample: Spleen (Mouse) Lysate at 40 µg  
Primary: Anti-CD274 (TMAB-01360) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/10000 dilution  
Predicted band size: 32 kDa  
Observed band size: 48 kDa

#### Verified Activity:

2. Sample:  
Lane 1: Recombinant mouse PD-L1 protein, C-His (HEK293)  
Primary: Anti-PD-L1 (TMAB-01360) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 32 kDa  
Observed band size: 45 kDa



Application: WB  
Recommended WB: 1:500-2000

## A DRUG SCREENING EXPERT

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### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse B7-H1

Antigen Species: Mouse

Gene ID: 60533

Uniprot ID: Q9EP73

Synonyms: B7h1;Pdl1;Pdcd1l1;CD274 molecule;A530045L16Rik;Pdcd1lg1

Biology Area: Tumor antigens,Tumor-associated antigens,Non-lineage,Autoimmune,pd-l1

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### Research Background

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. [provided by RefSeq, Sep 2015]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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