Leader in Biomolecular Solutions for Life Science

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# Rabbit anti-Mouse PD-L1/CD274 mAb

**Catalog No.: RM98007**

## Basic Information

**Catalog No.**
RM98007

**Catagory**
Elisa Antibody Kit

**Application**
ELISA

## Product Information

**Ig Type**
Rabbit IgG

**Purification**
Affinity purification

**Endotoxin Level**

**Storage**
Store at -20℃
**Avoid repeated freeze-thaw cycles.**

**Formulation**
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact


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## Background

The protein encoded by this gene is 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. Mice deficient for this gene display a variety of phenotypes including decreased allogeneic fetal survival rates and severe experimental autoimmune encephalomyelitis.

## Immunogen Information

**Immunogen**
Recombinant Mouse PD-L1/CD274

## Cross-Reactivity

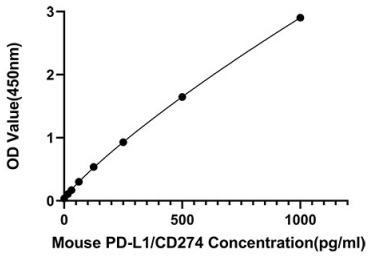
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## Assay Applications

Mouse PD-L1/CD274 Sandwich ELISA Immunoassay

| | Recommended Concentration | Sample |
|---|---|---|
| ELISA Capture | 1-4ug/mL | Rabbit anti-Mouse PD-L1/CD274(CAP)(Cat. No.RM98006) |
| ELISA Detection | 0.25-1ug/mL | Rabbit anti- Mouse PD-L1/CD274 (DET)(Cat. No.RM98007) |
| Standard | 15.62-1000pg/mL | Recombinant Mouse PD-L1/CD274(Cat. No.RP01158) |

## Validation Data




This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.