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Rabbit anti-Mouse PD-L1/CD274 mAb

Catalog No.: RM98006

Basic Information

Catalog No.
RM98006

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 0.2 μm 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 Protein

Cross-Reactivity

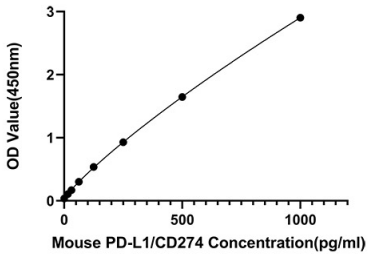
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Assay Applications

Mouse PD-L1/CD274 Sandwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 μg/mL	Rabbit anti-Mouse PD-L1/CD274 (Cat. No. RM98006)
ELISA Detection	0.25-1 μg/mL	Rabbit anti-Mouse PD-L1/CD274 (Cat. No. RM98007)
Standard	15.62-1000 pg/mL	Recombinant Mouse B7-H1/PD-L1/CD274 Protein (Cat. No. RP01158)

Validation Data



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