

Rabbit anti-Mouse PD-L1/CD274 mAb(CAP)

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
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -84°C.
Preservative □ 0.05% ProClin 300.
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

Plays a critical role in induction and maintenance of immune tolerance to self (PubMed:11238124). As a ligand for the inhibitory receptor PDCD1/PD-1, modulates the activation threshold of T-cells and limits T-cell effector response (PubMed:11238124). Through a yet unknown activating receptor, may costimulate T-cell subsets that predominantly produce interleukin-10 (IL10) (PubMed:11015443, PubMed:12719480). 3 Publications The PDCD1-mediated inhibitory pathway is exploited by tumors to attenuate anti-tumor immunity and escape destruction by the immune system, thereby facilitating tumor survival (PubMed:12218188, PubMed:27281199). The interaction with PDCD1/PD-1 inhibits cytotoxic T lymphocytes (CTLs) effector function (PubMed:12218188). The blockage of the PDCD1-mediated pathway results in the reversal of the exhausted T-cell phenotype and the normalization of the anti-tumor response, providing a rationale for cancer immunotherapy (PubMed:12218188). 2 Publications

Immunogen Information

Immunogen
Recombinant Mouse PD-L1/CD274

Cross-Reactivity

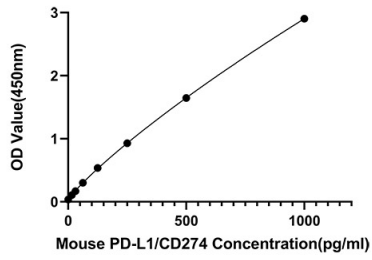
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Assay Applications

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 each assay.