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[KO Validated] PD-L1/CD274 Rabbit PolymAb®

Catalog No.: A23136 KO Validated

Basic Information

Observed MW
40-50kDa

Calculated MW
33kDa

Category
Primary antibody

Applications
WB,ELISA

Cross-Reactivity
Human

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.

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
29126

Swiss Prot
Q9NZQ7

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
B7-H; B7H1; PDL1; PD-L1; hPD-L1; PDCD1L1; PDCD1LG1

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.