

Recombinant

DGRmAb®

## PD-L1 (DGR16014) Rabbit mAb

db12921

Package : 10µL 20µL 50µL 100µL

**Product Name :** PD-L1 (DGR16014) Rabbit mAb**Cat.No.:** db12921**Synonyms :** B7-H; B7H1; PDL1; PD-L1; hPD-L1; PDCD1L1; PDCD1LG1**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**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]

**Immunogen**

A synthetic peptide of human PD-L1

**Gene ID**

29126

**Swiss Prot**

Q9NZQ7

**Synonyms**

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

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**WB: 1:1000  
IHC-P: 1:200-1:500  
ICC/IF: 1:100-1:200  
FC: 1:100  
IP: 1:20-1:50**Calculated MW**

33 kDa

**Observed MW**

40-50 kDa

|                   |                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host species      | Rabbit                                                                                                                                                        |
| Clonality         | Monoclonal                                                                                                                                                    |
| Clonality No.     | DGR16014                                                                                                                                                      |
| Isotype           | IgG                                                                                                                                                           |
| Purity            | Affinity Purification                                                                                                                                         |
| Conjugation       | Un-conjugated                                                                                                                                                 |
| Storage Stability | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |

