

12-9297B: Biotinylated Anti-PD-L1 antibody(DM123); Rabbit mAb

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| Clonality : | Monoclonal |
| Clone Name : | DM123 |
| Application : | ELISA; Flow Cyt |
| Reactivity : | Human |
| Gene : | PDL1 |
| Uniprot ID : | Q9NZQ7 |
| Alternative Name : | PD-L1; CD274; B7-H1; PDCD1L1; PDCD1LG1 |
| Isotype : | IgG |

Description

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.

Product Info

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| Amount : | 10 µg / 100 µg |
| Purification : | Purified from cell culture supernatant by affinity chromatography |
| Content : | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage condition : | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |

Application Note

ELISA 1:5000-10000; Flow Cyt 1:100