

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

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

<b>Amount :</b>	10 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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