12-9297: Anti-PD-L1 antibody(DM123), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM123
Application :	ELISA,FACS
Reactivity :	Human
Alternative Name :	PDL1, CD274, B7-H1, PDCD1L1, PDCD1LG1

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

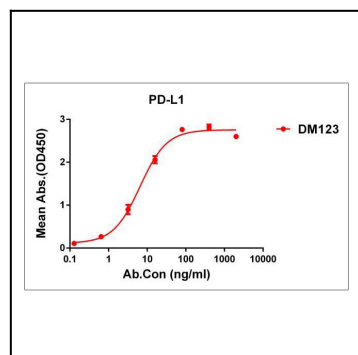|	
Amount :	100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Not Sterile
Storage condition :	Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

ELISA 1/5000-10000;FACS 1/100

Figure 1. ELISA plate pre-coated by 1 Î¼g/ml (100 Î¼l/well) Human PD-L1 protein, mFc His tagged protein can bind Rabbit anti-PD-L1 monoclonal antibody (clone: DM123) in a linear range of 0.1-15 ng/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.
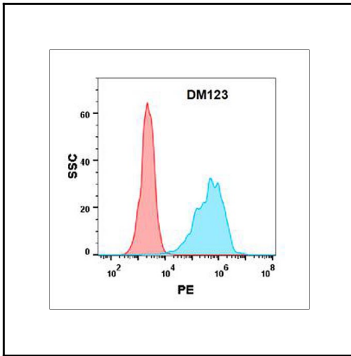
Figure 2. Flow cytometry analysis with Anti-PD-L1 (DM123) on Expi293 cells transfected with human PD-L1 (Blue histogram) or Expi293 transfected with irrelevant protein(Red histogram).