PD-L1 (DM123) RABBIT MAB

: 28468
 : PD-L1(DM123)
  PD-L1; CD274; B7-H1; PDCD1L1; PDCD1LG1
: PD-L1 antibody(DM123)
 : 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.
 : ELISA; Flow Cyt
 : ELISA 1:5000-10000; Flow Cyt 1:100
 : Rabbit
: Rabbit IgG
: Purified from cell culture supernatant by affinity chromatography
 : PD-L1
: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.
 : Store at -20ºC to -80ºC for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80ºC (Avoid repeated freezing and thawing).
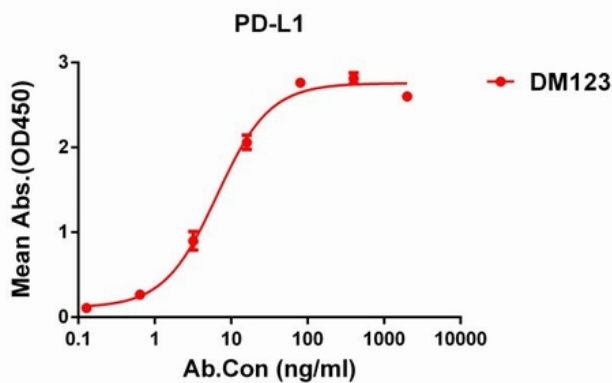

Figure 1. ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human PD-L1 protein, mFc His tagged protein 11151 can bind Rabbit anti-PD-L1 monoclonal antibody (clone: DM123) in a linear range of 0.1-15 ng/ml.
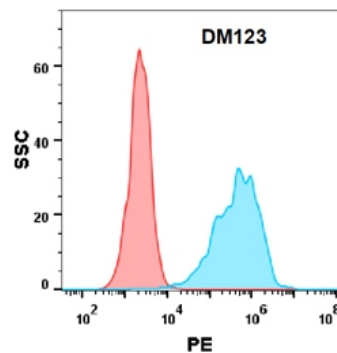

Figure 2. Flow cytometry analysis with Anti-PD-L1 (DM123) on Expi293 cells transfected with human PD-L1 (Blue histogram) or Expi293 transfected with irrelevant protein(Red histogram).