## PRODUCT INFORMATION

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|---|---|
| **Clone ID** | DM124 |
| **Target** | PDL1 |
| **Synonyms** | PD-L1; CD274; B7-H1; PDCD1L1; PDCD1LG1 |
| **Host Species** | Rabbit |
| **Description** | Anti-PD-L1 antibody(DM124); Rabbit mAb |
| **Delivery** | In Stock |
| **Uniprot ID** | Q9NZQ7 |
| **IgG type** | Rabbit IgG |
| **Clonality** | Monoclonal |
| **Reactivity** | Human |
| **Applications** | ELISA; Flow Cyt |
| **Recommended Dilutions** | ELISA 1:5000-10000; Flow Cyt 1:100 |
| **Purification** | Purified from cell culture supernatant by affinity chromatography |
| **Formulation & Reconstitution** | 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&Shipping** | 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. |
| **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. |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |
| **DIMA Disclaimer** | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr |



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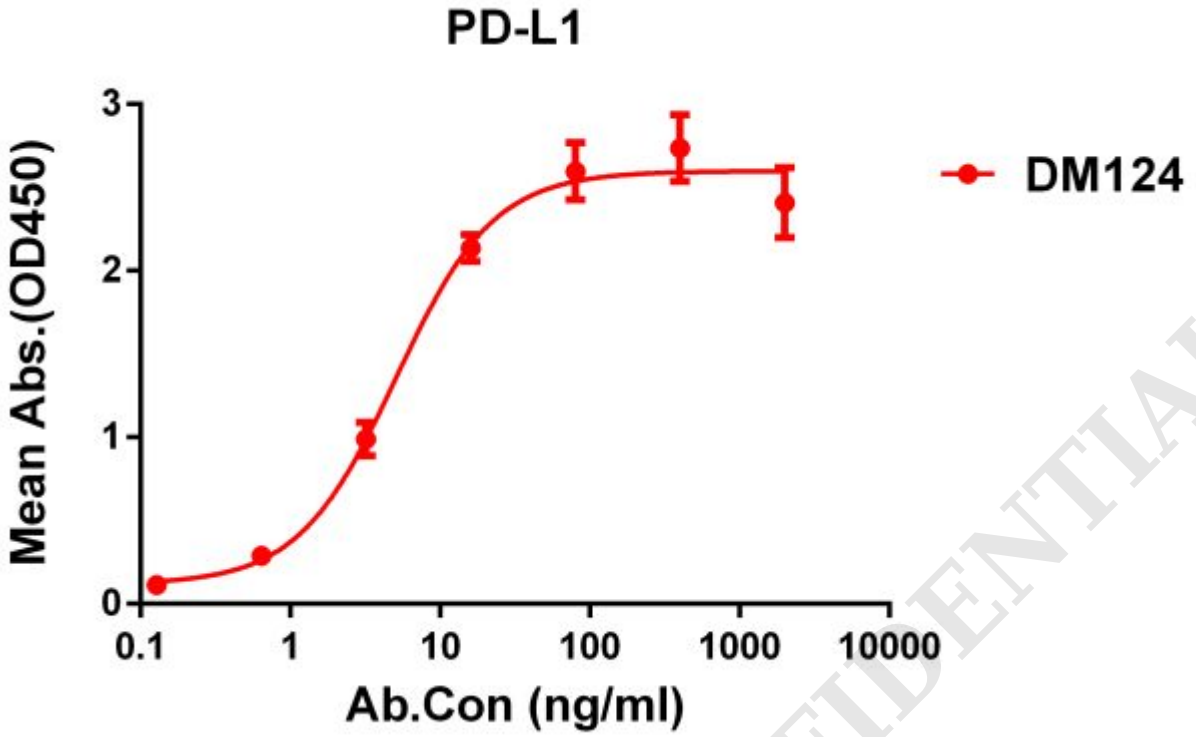


**Figure 1.** ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human PD-L1 protein, mFc His tagged protein ([getskuurl sku="PME100023"]) can bind Rabbit anti-PD-L1 monoclonal antibody **(clone: DM124)** in a linear range of 0.1-15 ng/ml.

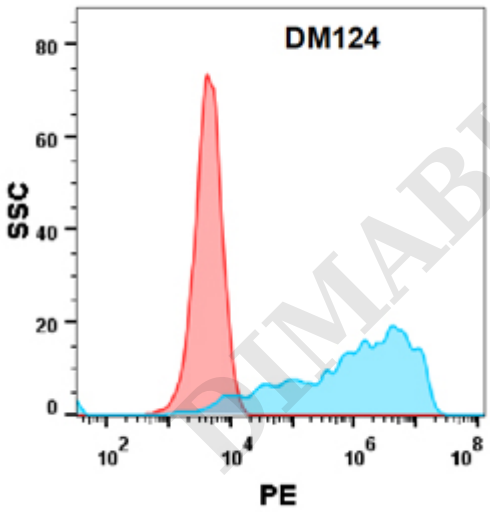


**Figure 2.** Flow cytometry analysis with Anti-PD-L1 **(DM124)** on HEK293 cells transfected with human PD-L1 (Blue histogram) or HEK293 transfected with irrelevant protein(Red histogram).



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