

Human PD-L1 Protein, mFc-His tag

Catalog No: #AP89550



Package Size: #AP89550-1 10ug #AP89550-2 100ug

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Description

Product Name	Human PD-L1 Protein, mFc-His tag
Host Species	HEK293
Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Species Reactivity	Human
Immunogen Description	PD-L1(Phe19-Arg328)+mFc(Pro99-Lys330)+6≠His tag
Other Names	PD-L1, CD274, B7-H1, PDCD1L1, PDCD1LG1
Calculated MW	52.3 kDa
Tag Info	C-Mouse Fc and 6≠His tag
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 30 % trehalose is added as protectants before lyophilization.
Storage	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Images

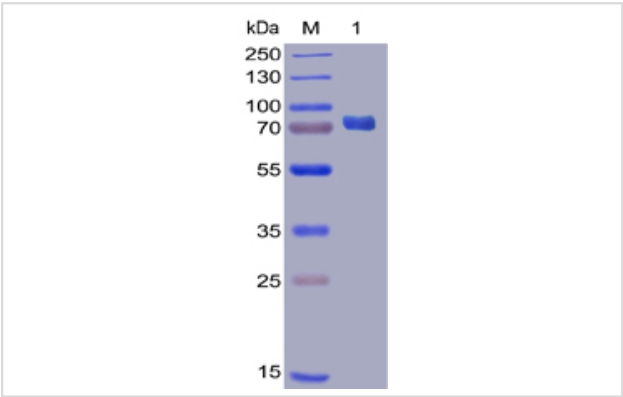


Figure 1. Human PD-L1 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

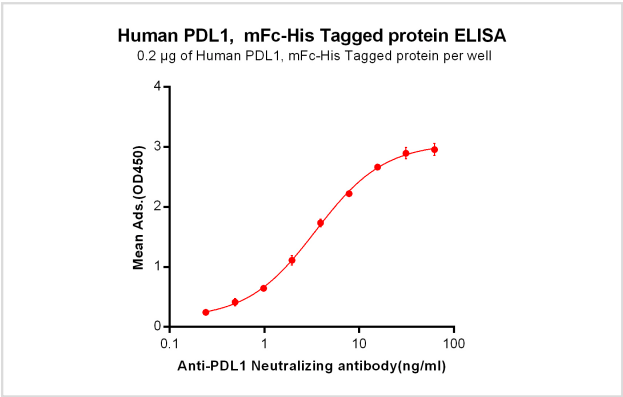


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human PDL1, mFc-His tagged protein can bind Anti-PDL1 Neutralizing antibody in a linear range of 0.24-7.81 ng/ml.

Human PDL1, mFc-His Tagged protein ELISA

0.2 µg of Human PDL1, mFc-His Tagged protein per well

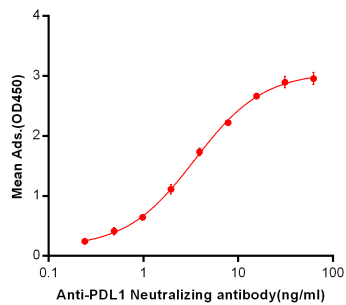


Figure 3. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human PD1, hFc-His tagged protein can bind Human PDL1, mFc-His tagged protein in a linear range of 62.5-251.1 ng/ml.

PD-L1(Phe19-Arg328) mFc(Pro99-Lys330) 6×His Tag

Product Description

Expression Region:710**Research Topic:**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.

Note: This product is for in vitro research use only