bs-21778R **[Primary Antibody]**

PD-L1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 29126 **SWISS:** Q9NZQ7

Target: PD-L1

Immunogen: KLH conjugated synthetic peptide derived from human B7-H1/PDL1/CD274: 64-160/290. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Sep 2015]

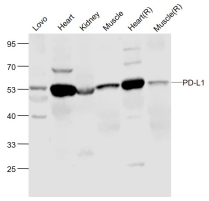
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Horse)

Predicted MW.: 32 kDa

Subcellular Location: Secreted ,Extracellular matrix

VALIDATION IMAGES



Sample: Lovo(Human) Cell Lysate at 30 ug Heart(Mouse) Lysate at 40 ug Kidney(Mouse) Lysate at 40 ug Muscle(Mouse) Lysate at 40 ug Heart(Rat) Lysate at 40 ug Muscle(Rat) Lysate at 40 ug Primary: Anti-PD-L1 (bs-21778R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD Observed band size: 53 kD

SELECTED CITATIONS

- **[IF=2.303]** Suihui Li. et al. Hsa_circ_0048674 facilitates hepatocellular carcinoma progression and natural killer cell exhaustion depending on the regulation of miR-223-3p/PDL1. Histol Histopathol. 2022 Feb 21;18440 WB ;Human,Mouse. 35187630