

bs-10159R**[Primary Antibody]****Bioss**
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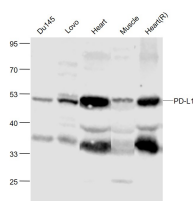
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PD-L1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 29126 Target: PD-L1 Immunogen: KLH conjugated synthetic peptide derived from human 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]	Isotype: IgG SWISS: Q9NZQ7 Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Horse) Predicted MW.: 32 kDa Subcellular Location: Secreted ,Extracellular matrix
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— VALIDATION IMAGES —

Sample: Du145(Human) Cell Lysate at 30 ug
 Lovo(Human) Cell Lysate at 30 ug Heart(Mouse)
 Lysate at 40 ug Muscle(Mouse) Lysate at 40 ug
 Heart(Rat) Lysate at 40 ug Primary: Anti-PD-L1
 (bs-10159R) at 1/500 dilution Secondary:
 IRDye800CW Goat Anti-Rabbit IgG at 1/20000
 dilution Predicted band size: 50 kD Observed
 band size: 50 kD

— SELECTED CITATIONS —

- **[IF=6.832]** Aussel, Clotilde. et al. IL-1 β primed mesenchymal stromal cells moderate hemorrhagic shock-induced organ injuries. Stem Cell Res Ther. 2021 Dec;12(1):1-16 FCM ;Rat. 34353366
- **[IF=4.932]** Shuling Zhang. et al. A novel mechanism of lung cancer inhibition by methionine enkephalin through remodeling the immune status of the tumor microenvironment. Int Immunopharmacol. 2021 Oct;99:107999 IF ;Mouse. 34315116

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=4.086]** Yi-Ru Pan. et al. Comprehensive Evaluation of Immune-Checkpoint DNA Cancer Vaccines in a Rat Cholangiocarcinoma Model. Vaccines-Basel. 2020 Dec;8(4):703 IHC ;Rat. 33255375
- **[IF=4.1]** Altves Safaa. et al. Upregulation of Immune checkpoint PD-L1 in Colon cancer cell lines and activation of T cells by Leuconostoc mesenteroides. WORLD J MICROB BIOT. 2024 Jul;40(7):1-13 WB ;Human. 38755413
- **[IF=3.098]** Junli Zhang. et al. KCNQ1OT1 contributes to sorafenib resistance and programmed death-ligand-1-mediated immune escape via sponging miR-506 in hepatocellular carcinoma cells. Int J Mol Med. 2020 Nov;46(5):1794-1804 WB,IHC,FCM ;Human. 33000204