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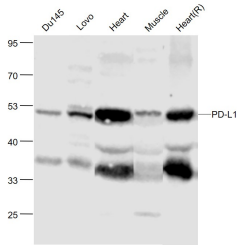
PD-L1 Rabbit pAb

Catalog Number:	bs-10159R
Target Protein:	PD-L1
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Human, Mouse, Rat (predicted:Pig, Sheep, Cow, Horse)
Predicted MW:	32 kDa
Entrez Gene:	29126
Swiss Prot:	Q9NZQ7
Source:	KLH conjugated synthetic peptide derived from human CD274: 64-160/290.
Purification:	affinity purified by Protein A
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]

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

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.832] Aussel, Clotilde. et al. IL-1β 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

[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