bsm-43073M **[Primary Antibody]**

PD-L1 Mouse mAb

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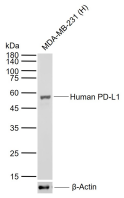
DATASHEET

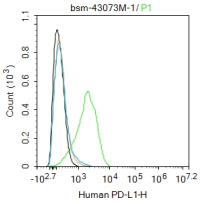
Host: Mouse
Isotype: IgG
Clonality: Monoclonal
CloneNo.: 3B11
GeneID: 29126
SWISS: Q9NZQ7
Target: PD-L1
Immunogen: Recombinant human PD-L1 protein: 15-239/290.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: Size : 50ul/100ul/200ul
0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Size : 200ug (PBS only)
0.01M PBS
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)
Flow-Cyt (1ug/Test)
Reactivity: Human
Predicted MW.: 29 kDa
Subcellular Location: Secreted ,Extracellular matrix

VALIDATION IMAGES



Sample: Lane 1: Human MDA-MB-231 cell lysates Primary: Anti-Human PD-L1 (bsm-43073M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti- Mouse IgG at 1/20000 dilution Predicted band size: 29 kDa Observed band size: 53 kDa



Blank control（black line）:MDA-MB-231. Primary Antibody (green line): Mouse Anti-Human PD-L1 antibody (bsm-43073M) Dilution:1ug/Test; Secondary Antibody（white blue line）: Goat anti-mouse IgG-FITC Dilution: 0.5ug/Test. Isotype control（orange line）: Normal Mouse IgG Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=3]** Chenxing Zhang. et al.Enhanced antitumor efficacy of bispecific antibody blocking PD-L1 and LAG-3 with doxorubicin: mechanism and safety evaluation.breast cancer research and treatment.2025 Mar 6. Flow cytometry ;Mouse. 40050525