

## Anti-PD-L1 Antibody (7P761)

### Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 29 kDa.
Clone:	7P761
Purification:	Protein A purified

### Applications

Blank control (black line): MDA-MB-231.  
Primary Antibody (green line): Mouse Anti-Human PD-L1 antibody (TMAB-10139)  
Dilution: 1 µg/Test;  
Secondary Antibody (white blue line): Goat anti-mouse IgG-FITC  
Dilution: 0.5 µg/Test.

Verified Activity: 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.

Application: FCM

Recommended FCM: 1µg/Test

### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: human PD-L1 protein

Antigen Species: Human

Gene ID: 29126

Uniprot ID: Q9NZQ7

### Research 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]

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