Product Datasheet

PD-L1 Polyclonal Conjugated Antibody

Catalog No: #C29074

Package Size: #C29074-AF350 100ul #C29074-AF405 100ul #C29074-AF488 100ul #C29074-AF555 100ul #C29074-AF594 100ul #C29074-AF647 100ul #C29074-AF680 100ul #C29074-AF750 100ul #C29074-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PD-L1 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PD-L1 (NP_054862.1).
Other Names	B7-H;B7H1;PDL1;PD-L1;PDCD1L1;PDCD1LG1;CD274
Accession No.	GeneID:29126Swiss Prot:Q9NZQ7
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	20kDa/33kDa
SDS-PAGE MW	45kDa
Concentration	1.0mg/ml
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.|Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.124.

Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:20 - 1:100

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.

Note: This product is for in vitro research use only