

## PD1L1 Conjugated Antibody

Catalog No: #C32363



Package Size: #C32363-AF350 100ul #C32363-AF405 100ul #C32363-AF488 100ul  
 #C32363-AF555 100ul #C32363-AF594 100ul #C32363-AF647 100ul  
 #C32363-AF680 100ul #C32363-AF750 100ul #C32363-Biotin 100ul

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## Description

Product Name	PD1L1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total PD1L1 protein.
Immunogen Description	Recombinant protein of human PD1L1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD274;B7-H;B7H1;PDL1;PD-L1;PDCD1L1;PDCD1LG1;Programmed cell death 1 ligand 1;PD-L1;PDCD1 ligand 1;Programmed death ligand 1;hPD-L1;B7 homolog 1;B7-H1
Accession No.	Swiss-Prot#:Q9NZQ7NCBI Gene ID:29126
Uniprot	Q9NZQ7
GeneID	29126;
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	33
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Product Description

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Antibodies were purified by affinity purification using immunogen.

## Background

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Programmed cell death ligand 1 (CD274, or B7-H1, PD-L1), is the first member of B7 family to be discovered. B7 family molecules are type I transmembrane proteins belonging to the immunoglobulin superfamily. In concert with their CD28 family receptors, the B7s are key regulators of the adaptive immune response. CD274 is suggested a negative regulator of T and B cell, and play important role in mediating tolerance of lymphocytes to self-antigens. It also involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PDCD1-independent manner.

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Note: This product is for in vitro research use only