

For Research Use Only

PDCD1LG2/PD-L2 Polyclonal antibody



Catalog Number: 27406-1-AP

Basic Information

Catalog Number: 27406-1-AP	GenBank Accession Number: BC074766	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 80380	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9BQ51	
Isotype: IgG	Full Name: programmed cell death 1 ligand 2	
Immunogen Catalog Number: AG26384	Calculated MW: 273 aa, 31 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : NIH/3T3 cells, Raji cells, mouse heart tissue, rat heart tissue
Species Specificity: human, mouse, rat	

Background Information

Programmed cell death 1 ligand 2 (PDCD1LG2), also known as PD-L2, CD273 and B7-DC, is an immune checkpoint receptor ligand which plays a role in negative regulation of the adaptive immune response. PDCD1LG2/PD-L2 protein is expressed mainly by dendritic cells, macrophages, and tumor cells, and down-regulates the effector functions of T cells via PD-1/PD-L2 axis in the tumor microenvironment (PMID: 30275216). The endogenous PDCD1LG2/PD-L2 protein displays a molecular weight of 45 kDa (glycosylated form), and a minor band at 35 kDa (non-glycosylated form) in western blot (PMID: 28811964, PMID: 34697216).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

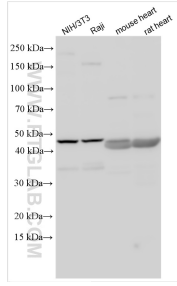
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27406-1-AP (PDCD1L2/PD-L2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.