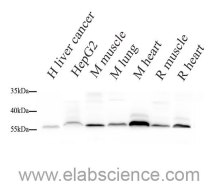


CD274 Polyclonal Antibody

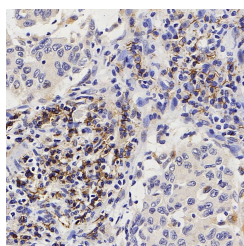
Catalog No.	E-AB-70312	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of various samples using CD274 Polyclonal Antibody at dilution of 1:800.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using CD274 Polyclonal Antibody at dilution of 1:300.

Immunogen Information

Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse PD-L1
Swissprot	Q9NZQ7,Q9EP73
Synonyms	CD274, B7-H, B7H1, PDL-1, PDCD1L1, PDCD1LG1, PDL1, CD274 molecule, Programmed cell death 1 ligand 1

Product Information

Calculated MW	33kDa
Observed MW	50kDa
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:200-1:600

Background

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. PD-L1 is a 290 aa transmembrane protein with a calculated molecular weight of 33 kDa,the apparent molecular weight has been reported as 45-70 kDa,suggesting probable glycosylation .

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.