

anti- PD-L1/CD274 antibody

Product Information

Catalog No.:	FNab06280
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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(PMID: 18760278; 16493058).?

Immunogen information

Immunogen:	CD274 molecule
Synonyms:	B7 H, B7 H1, B7 homolog 1, B7H1, CD274, CD274 molecule, PD L1, PDCD1 ligand 1, PDCD1L1, PDCD1LG1, PDL1, PD-L1, PD-L1/CD274, Programmed death ligand 1
Observed MW:	50 kDa, 70 kDa
UniprotID :	Q9NZQ7

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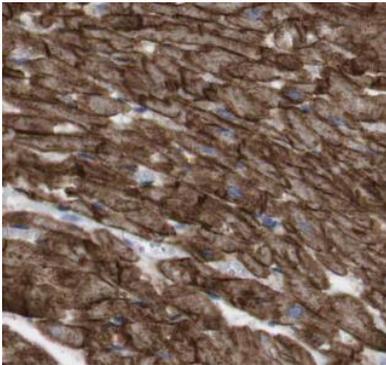
Application

Reactivity: Human, Mouse, Rat

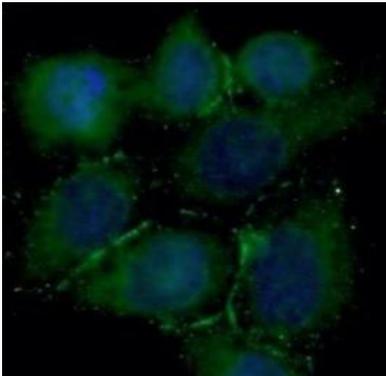
Tested Application: ELISA, WB, IF, IHC, IP, FC

Recommended dilution: WB: 1:200-1:1000; IP: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded mouse heart tissue slide using FNab06280(PD-L1/CD274 Antibody) at dilution of 1:50



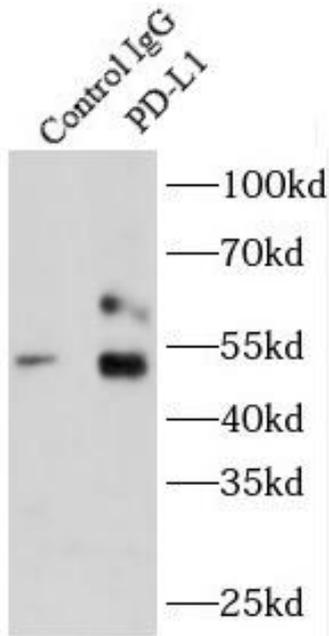
Immunofluorescent analysis of HEK-293 cells using FNab06280 (PD-L1/CD274 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)

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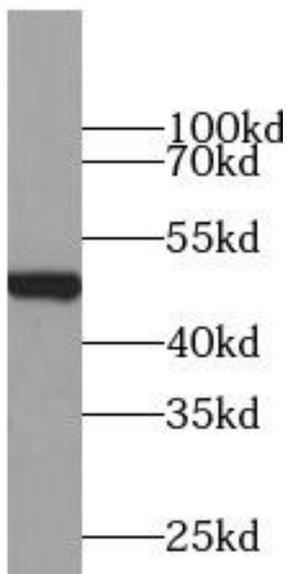
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IP Result of anti-PD-L1/CD274 (IP:FNab06280, 4ug; Detection:FNab06280 1:1000) with mouse heart tissue lysate 4000ug.



mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab06280(PD-L1/CD274 Antibody) at dilution of 1:300