

anti- PD-L1/CD274 antibody

Product Information

Catalog No.:	FNab06281
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	6C11
IsoType:	IgG1
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:	None
UniprotID :	Q9NZQ7

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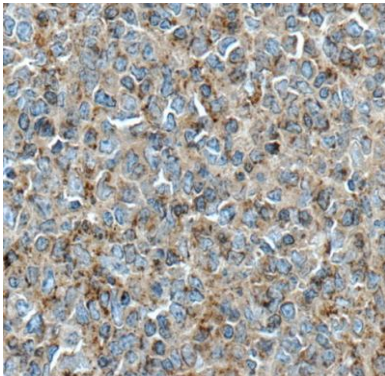
Application

Reactivity: Human, Mouse, Pig

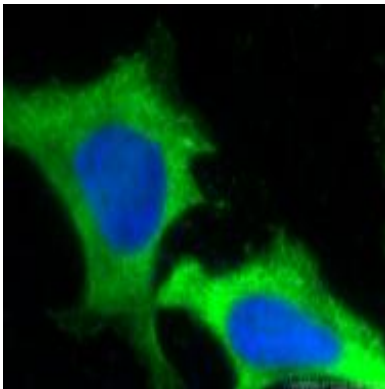
Tested Application: ELISA, WB, IHC,IF

Recommended dilution: WB: 1:500-1:5000; IHC: 1:100-1:500; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using FNab06281(PD-L1/CD274 Antibody) at dilution of 1:50 . heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



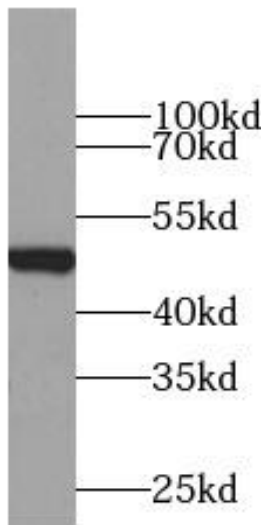
Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using FNab06281 (PD-L1/CD274 Antibody) at dilution of 1:300 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)

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human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab06281(PD-L1/CD274 Antibody) at dilution of 1:1000