

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PD-L1/CD274



Numéro de catalogue: 17952-1-AP

Phare

140 Publications

Informations de base

Numéro de catalogue:

17952-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG12432

Numéro d'acquisition GenBank:

BC074984

Identification du gène (NCBI):

29126

Nom complet:

CD274 molecule

MW calculé

290 aa, 33 kDa

MW observés:

45-56 kDa, 65-70 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IHC 1:300-1:1200

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

ChIP, CoIP, FC, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu placentaire humain, cellules A375, cellules A549 traitées par IFN gamma, cellules HeLa, cellules HepG2, cellules K-562, tissu cardiaque de souris, tissu cardiaque humain, tissu de muscle squelettique de souris

IP : tissu cardiaque de souris,

IHC : tissu d'amygdalite humaine, tissu cardiaque de souris, tissu de cancer de l'estomac humain

IF : cellules HEK-293,

Informations générales

Programmed cell death ligand 1 (PD-L1, CD274, or B7-H1), 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. PD-L1 is suggested as a negative regulator of T and B cell, and plays important role in mediating tolerance of lymphocytes to self-antigens. It is also involved in the costimulatory signal, essential for T-cell proliferation and production of IL10 and IFNG, in an IL2-dependent and a PD-1-independent manner. PD-L1 is a 290 aa transmembrane protein with a calculated molecular weight of 33 kDa, it is predicted to be 27-30 kDa after signal peptide cleavage (PMID: 25609200; 17076679). The apparent molecular weight has also been reported as 45-70 kDa, major glycosylated form of 45-50 kDa and multiple post-translational modifications form of 65-70 kDa (PMID: 18760278; 16493058).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ching-Yao Yang	29036791	Cancer Biomark	IHC
Gagan Chhabra	34597611	J Invest Dermatol	IHC
Haoyu Guo	36201949	Biomaterials	IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

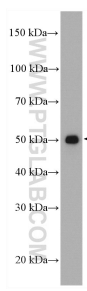
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

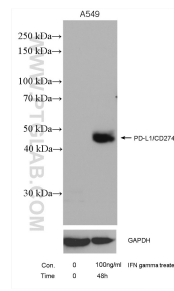
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

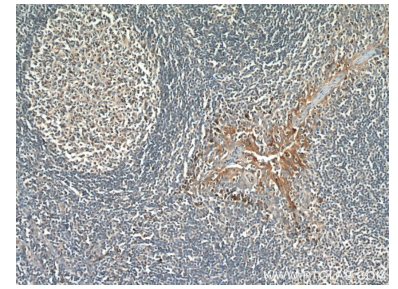
Données de validation sélectionnées



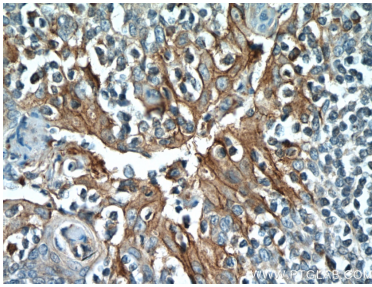
human placenta tissue were subjected to SDS PAGE followed by western blot with 17952-1-AP (PD-L1/CD274 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



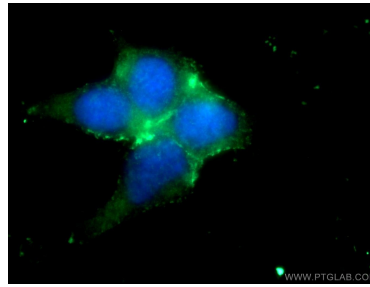
Untreated and IFN gamma treated A549 cells were subjected to SDS PAGE followed by western blot with 17952-1-AP (PD-L1/CD274 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



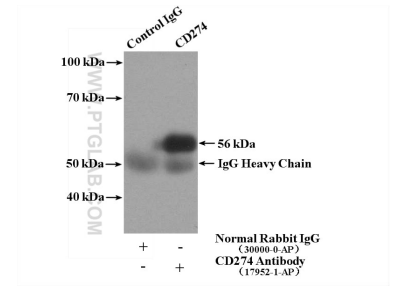
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17952-1-AP (PD-L1/CD274 antibody) at dilution of 1:600 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



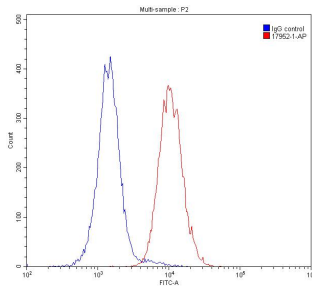
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17952-1-AP (PD-L1/CD274 antibody) at dilution of 1:600 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HEK-293 cells using 17952-1-AP (PD-L1/CD274 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-PD-L1/CD274 (IP:17952-1-AP, 4ug; Detection:66248-1-Ig 1:1000) with mouse heart tissue lysate 4000ug.



1x10⁶ Raji cells were stained with 0.20ug PD-L1/CD274 antibody (17952-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.