

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PD-L1/CD274 (C-terminal)



Numéro de catalogue: 28076-1-AP

Phare

52 Publications

Informations de base

Numéro de catalogue:

28076-1-AP

Taille:

150ul, Concentration: 600 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG27557

Numéro d'acquisition GenBank:

BC074984

Identification du gène (NCBI):

29126

Nom complet:

CD274 molecule

MW calculé

290 aa, 33 kDa

MW observés:

45-50 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:300-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:500-1:2000

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

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 : cellules A549 traitées par IFN gamma, cellules MDA-MB-231, cellules THP-1, tissu cardiaque de rat, tissu cardiaque de souris, tissu placentaire humain

IP : tissu placentaire humain,

IHC : tissu d'amygdalite humaine, tissu de cancer du col de l'utérus humain, tissu de cancer du poumon humain, tissu de cancer du sein humain, tissu placentaire humain

IF : tissu d'amygdalite humaine,

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lan Zhang	34586738	Clin Transl Med	WB,IP
Wei-Fa Yang	30409325	Oral Oncol	IHC
Tseng-Cheng Chen	26365985	Oral Oncol	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.

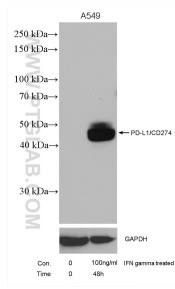
For technical support and original validation data for this product please contact:

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

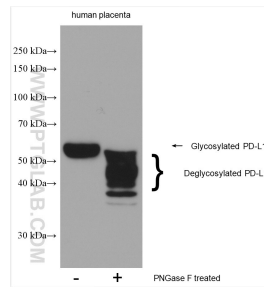
E: proteintech@ptglab.com
W: ptglab.com

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

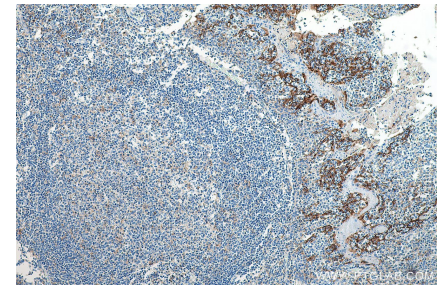
Données de validation sélectionnées



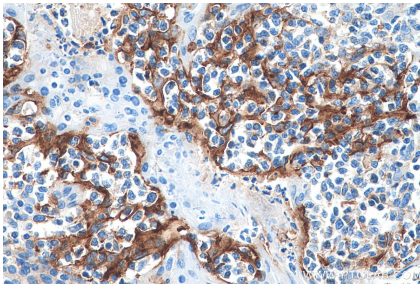
Lysates of untreated and IFN gamma treated A549 cells were subjected to SDS PAGE followed by western blot with 28076-1-AP (PD-L1/CD274 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



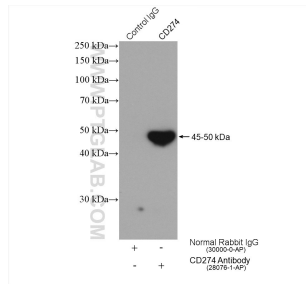
Untreated and PNGase F-treated lysates of human placenta were subjected to SDS PAGE followed by western blot with 28076-1-AP (PD-L1/CD274 (C-terminal) antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



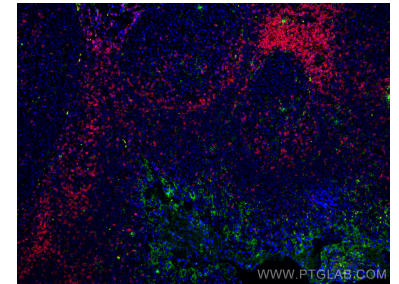
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 28076-1-AP (PD-L1/CD274 (C-terminal) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 28076-1-AP (PD-L1/CD274 (C-terminal) antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-PD-L1/CD274 (C-terminal) (IP:28076-1-AP, 4ug; Detection:28076-1-AP 1:500) with human placenta tissue lysate 800 ug.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using PD-L1/CD274 (C-terminal) antibody (28076-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite®594 CD3 antibody (CL594-60181, Clone: 3F3A1, red).