

Nur für Forschungszwecke

# PD-L1/CD274 (C-terminal) Polyklonaler Antikörper



Katalog-Nr.: 28076-1-AP

Vorgestelltes Produkt

45 Publikationen

## Allgemeine Informationen

Katalog-Nr.:

28076-1-AP

Größe:

150ul, Konzentration: 600 µg/ml von

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG27557

GenBank-Zugangsnummer:

BC074984

GeneID (NCBI):

29126

Vollständiger Name:

CD274 molecule

Berechnete Masse:

290 aa, 33 kDa

Beobachtete Masse:

45-50 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:300-1:1000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:500-1:2000

IF 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: mit IFN-gamma behandelte A549-Zellen, humanes Plazenta-Gewebe, Mausherzgewebe, MDA-MB-231-Zellen, Rattenherzgewebe, THP-1-Zellen

IP: humanes Plazenta-Gewebe,

IHC: humanes Tonsillitisgewebe, humanes Lungenkarzinomgewebe, humanes Mammakarzinomgewebe, humanes Plazenta-Gewebe, humanes Zervixkarzinomgewebe

IF: humanes Tonsillitisgewebe,

## Hintergrundinformationen

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.

## Bemerkenswerte Veröffentlichungen

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

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

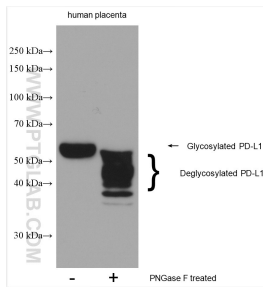
For technical support and original validation data for this product please contact:

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

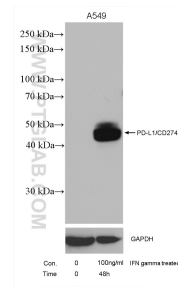
E: proteintech@ptglab.com  
W: ptglab.com

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

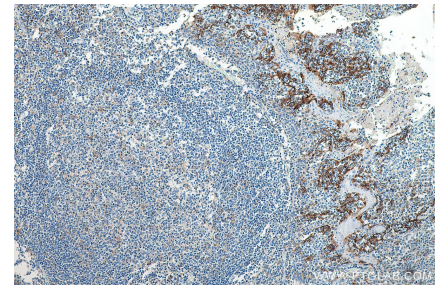
## Ausgewählte Validierungsdaten



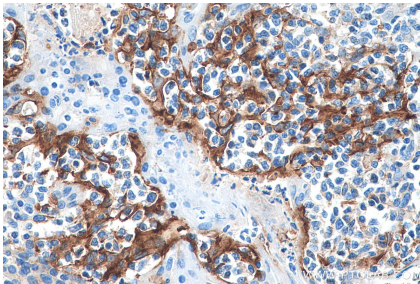
Untreated and PNGase F-treated lysates of human placenta were subjected to SDS PAGE followed by western blot with 28076-1-AP (PD-L1/CD274 (C-terminal) antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



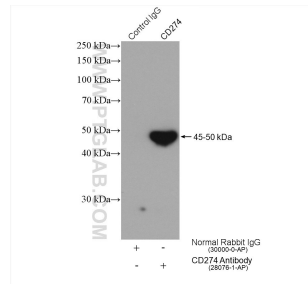
Lysates of untreated and IFN gamma treated A549 cells were subjected to SDS PAGE followed by western blot with 28076-1-AP (PD-L1/CD274 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



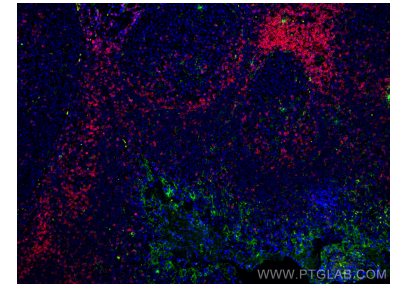
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 28076-1-AP (PD-L1/CD274 (C-terminal) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).