

CD274 Polyclonal Antibody

Catalog Number:E-AB-19627



Note: Centrifuge before opening to ensure complete recovery of vial contents.

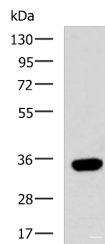
Description

Reactivity	Human
Immunogen	Synthetic peptide of human CD274
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

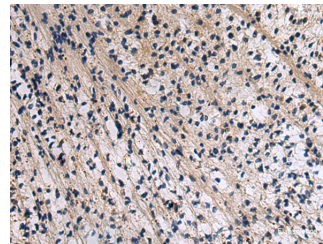
WB	1:500-1:2000
IHC	1:50-1:100
ELISA	1:5000-1:10000

Data



Western blot analysis of HepG2 cell lysate using CD274 Polyclonal Antibody at dilution of 1:700

Observed Mw:Refer to figures
Calculated Mw:33 kDa



Immunohistochemistry of paraffin-embedded Human brain tissue using CD274 Polyclonal Antibody at dilution of 1:30(×200)

Preparation & Storage

Storage Store at -20°C. Avoid 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 .

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