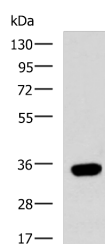


CD274 Polyclonal Antibody

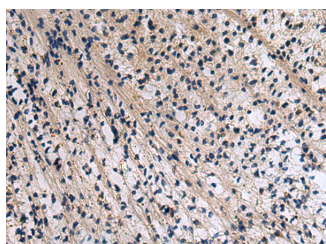
Catalog No.	E-AB-19627	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

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

Images



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



Immunohistochemistry of paraffin-embedded Human brain tissue using CD274 Polyclonal Antibody at dilution of 1:30(x200)

Immunogen Information

Immunogen	Synthetic peptide of human CD274
Gene Accession	NP054862
Swissprot	Q9NZQ7
Synonyms	B7 H,B7 H1,B7 homolog 1,B7-H1,B7H,B7H1,CD 274,CD274,CD274 antigen

Product Information

Calculated MW	33 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:100, ELISA 1:5000-1:10000

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.