

For Research Use Only

Mouse PD-L1/B7-H1 Recombinant antibody, PBS Only

Catalog Number: 83906-6-PBS



Basic Information

Catalog Number:

83906-6-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_021893.3

GeneID (NCBI):

60533

UNIPROT ID:

Q9EP73

Full Name:

CD274 antigen

Calculated MW:

33 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

240993C9

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse

Background Information

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.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

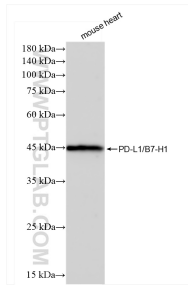
T: 4006900926

E: Proteintech-CN@ptglab.com

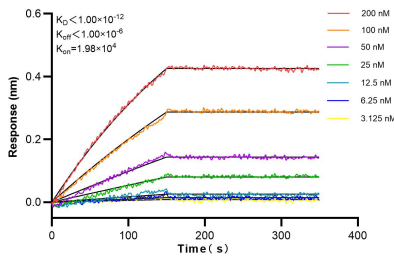
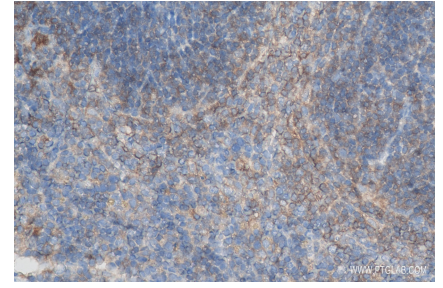
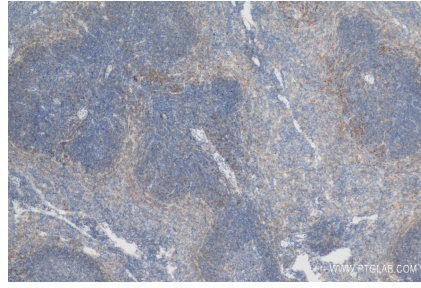
W: ptgcn.com

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Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 83906-6-RR (PD-L1/B7-H1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83906-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83906-6-RR against Mouse PD-L1/B7-H1 were performed. The affinity constant is below 1 pM.