

Product Datasheet

PD-L1 Antibody (PD01-02) NBP3-32732

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32732

PD-L1 Antibody (PD01-02)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PD01-02
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	33 kDa

Product Description	
Host	Rabbit
Gene ID	29126
Gene Symbol	CD274
Species	Human
Immunogen	Synthetic peptide within human PD-L1 aa 260-290 (Cytoplasmic). (Uniprot: Q9NZQ7)

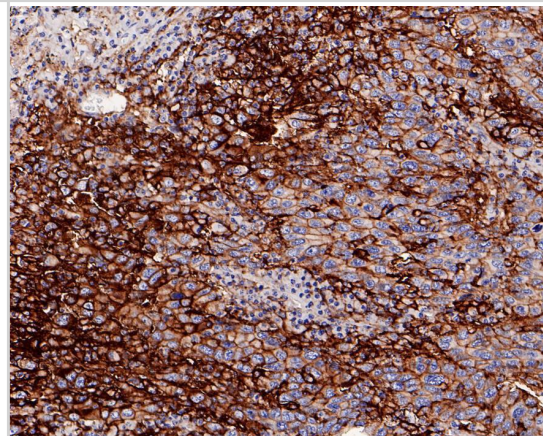
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:800
Application Notes	Recommended dilution for Multiplex IHC: 1:2000



Images

Immunohistochemistry: PD-L1 Antibody (PD01-02) [NBP3-32732] - Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue with Rabbit anti-PD-L1 antibody (NBP3-32732) at 1/800 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32732) at 1/800 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Western Blot: PD-L1 Antibody (PD01-02) [NBP3-32732] - Western blot analysis of PD-L1 on different lysates with Rabbit anti-PD-L1 antibody (NBP3-32732) at 1/2,000 dilution.

Lane 1: MDA-MB-231 cell lysate

Lane 2: MCF7 cell lysate (negative)

Lane 3: U-87 MG cell lysate

Lane 4: HepG2 cell lysate (low expression)

Lane 5: HeLa cell lysate

Lane 6: A549 cell lysate

Lane 7: A549 treated with 100ng/mL IFN gamma for 48 hours cell lysate

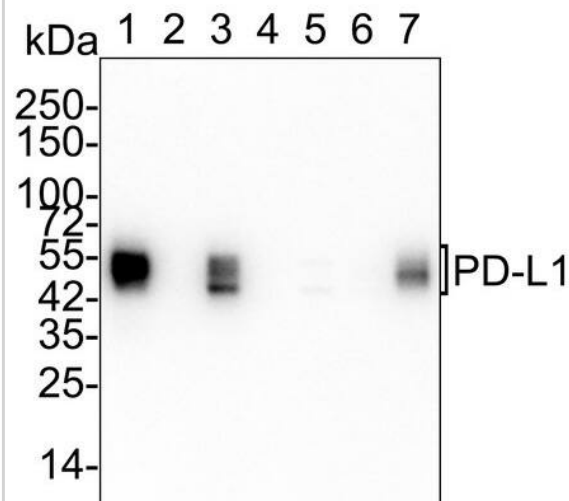
Lysates/proteins at 20 µg/Lane.

Predicted band size: 33 kDa

Observed band size: 45-50 kDa

Exposure time: 25 seconds; ECL;
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/2,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-32732

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-76769PEP-0.1mg	PD-L1 Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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