Product Datasheet

PD-L1 Antibody - BSA Free
NBP2-15791

Unit Size: 0.1 ml

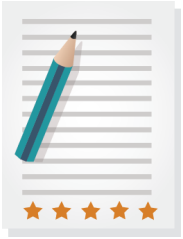
Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-15791

Updated 9/9/2025 v.20.1



NBP2-15791

PD-L1 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	33 kDa

Product Description

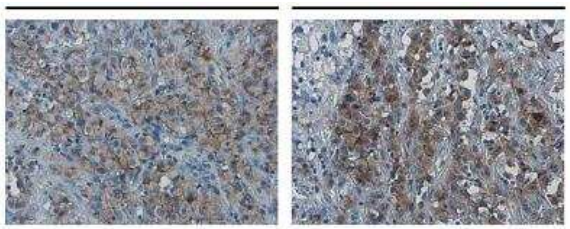
Description	Novus Biologicals Rabbit PD-L1 Antibody - BSA Free (NBP2-15791) is a polyclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-PD-L1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	29126
Gene Symbol	CD274
Species	Human
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human PD-L1. The exact sequence is proprietary.

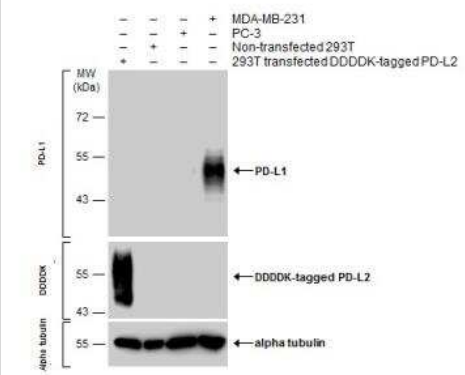
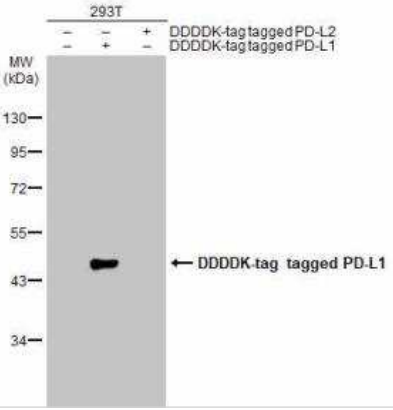
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500-1:3000, Flow Cytometry Assay-dependent dilution, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent

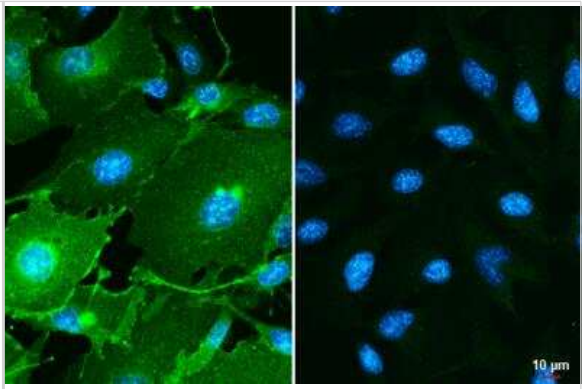
Images

Immunohistochemistry-Paraffin: PD-L1/B7-H1 Antibody [NBP2-15791] - PD-L1 antibody detects PD-L1 protein at cell membrane in human ovarian carcinoma by immunohistochemical analysis. Antibodies: PD-L1 antibody, and competitor's antibody.

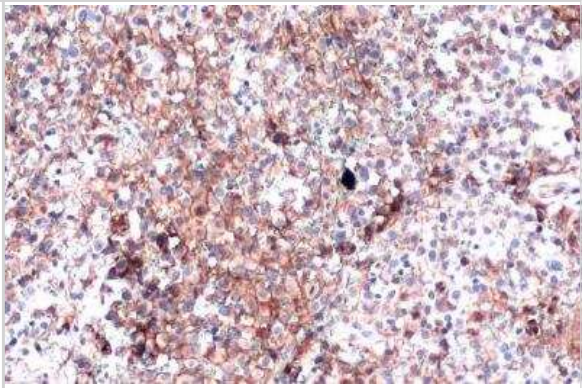


Western Blot: PD-L1/B7-H1 Antibody [NBP2-15791] - Various whole cell extracts were separated by 10% SDS-PAGE, and the membranes were blotted with PD-L1 antibody diluted at 1:600 and with DDDDK tag antibody (NBP2-43574) diluted at 1:3000 to detect DDDDK-tagged PD-L2. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.	
Western Blot: PD-L1 Antibody [NBP2-15791] - PD-L1/B7-H1 Antibody [NBP2-15791] - Non-transfected (-) and transfected (+) A431 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody. HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.	
Western Blot: PD-L1/B7-H1 Antibody [NBP2-15791] - Untreated (-) and treated (+) MDA-MB-231 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody.	
Western Blot: PD-L1 Antibody [NBP2-15791] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.	

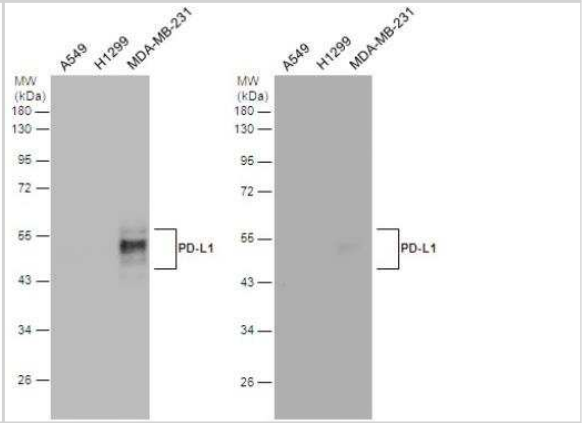
Immunocytochemistry/Immunofluorescence: PD-L1 Antibody [NBP2-15791] - MDA-MB-231 (left) and HeLa (right) cells were fixed in ice-cold MeOH for 5 min. Green: PD-L1 stained by PD-L1 antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar= 10 um.



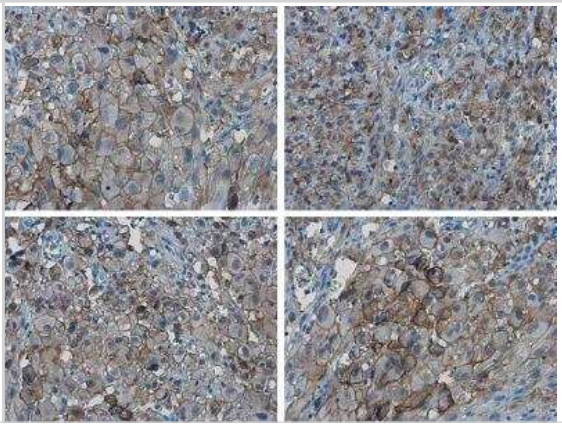
Immunohistochemistry-Paraffin: PD-L1 Antibody [NBP2-15791] - Human ovarian cancer. PD-L1 stained by PD-L1 antibody diluted at 1:4000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



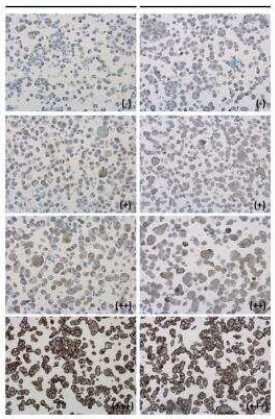
Western Blot: PD-L1 Antibody [NBP2-15791] - PD-L1/B7-H1 Antibody [NBP2-15791] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membranes were blotted with PD-L1 antibody. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. NBP2-15791 on the left and competitor's antibody on the right.



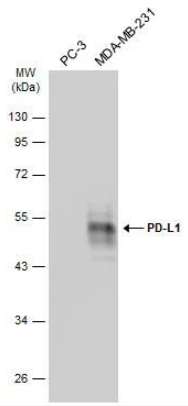
Immunohistochemistry-Paraffin: PD-L1/B7-H1 Antibody [NBP2-15791] - PD-L1 proteinat cell membrane in human ovarian carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human ovarian carcinoma. PD-L1 antibody diluted at 1:1000.



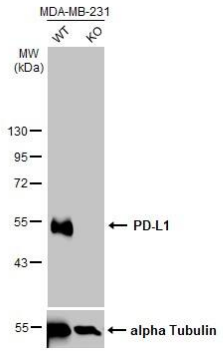
Immunohistochemistry-Paraffin: PD-L1 Antibody [NBP2-15791] - Detection of cell membranes in PD-L1 protein-expressing cell lines by immunohistochemical analysis. Antibodies: PD-L1 antibody, and competitor's antibody.
Samples: Negative (-), low positive (+), intermediate positive (++) and strong positive (+++) cell line cores assessed using Quantitative Digital Pathology.



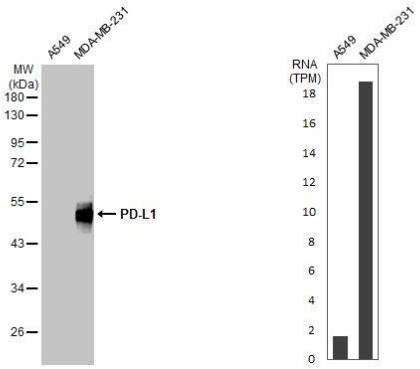
Western Blot: PD-L1 Antibody [NBP2-15791] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody (NBP2-15791) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



Western Blot: PD-L1 Antibody [NBP2-15791] - Wild-type (WT) and PD-L1 knockout (KO) MDA-MB-231 cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody diluted at 1:4000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PD-L1 antibody (NBP2-15791) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



Publications

Bu J, Jeong W, Jafari R et al. Bimodal liquid biopsy for cancer immunotherapy based on peptide engineering and nanoscale analysis Biosensors and Bioelectronics 2022-06-01 [PMID: 35679646]

Di Tinco R, Bertani G, Pisciotta A et al. Role of PD-L1 in licensing immunoregulatory function of dental pulp mesenchymal stem cells Stem cell research & therapy 2021-12-04 [PMID: 34863286] (IHC-P, WB, ICC/IF, Human)

Samman DME, Mahdy MME, Cousha HS Et al. Immunohistochemical expression of programmed death-ligand 1 and CD8 in glioblastomas Journal of pathology and translational medicine 2021-10-14 [PMID: 34638219] (IHC-P, Human)

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-15791

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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