

# Product Datasheet

## PDCD4 Antibody (JA80-83) NBP2-67024

Unit Size: 100  $\mu$ l

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

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**NBP2-67024**

PDCD4 Antibody (JA80-83)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JA80-83
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

**Product Description**

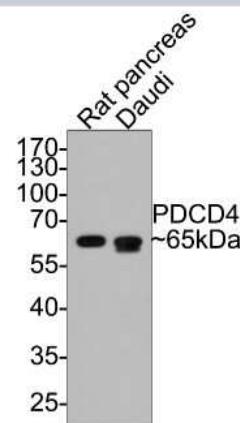
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	PDCD4
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide within human PDCD4 aa 425-469/469. (SwissProt: Q53EL6 Human; SwissProt: Q61823 Mouse)

**Product Application Details**

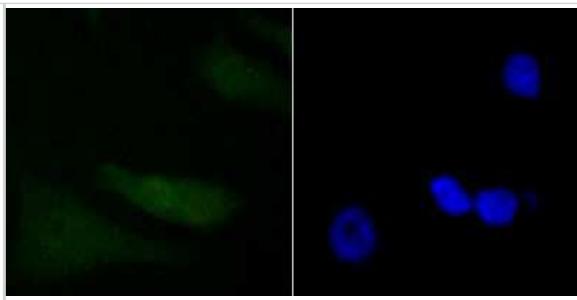
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:20-1:50, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

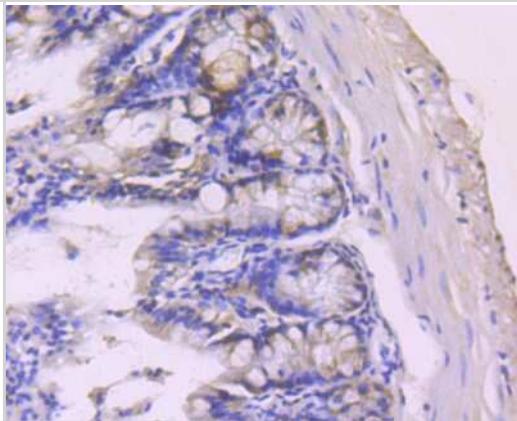
Western Blot: PDCD4 Antibody (JA80-83) [NBP2-67024] - Analysis of PDCD4 on different lysates with Rabbit anti-PDCD4 antibody at 1/500 dilution. Lane 1: Rat pancreas tissue lysate (20 ug/Lane) Lane 2: Daudi cell lysate (10 ug/Lane) Predicted band size: 52 kDa Observed band size: 65 kDa Exposure time: 1 minute; 10% 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 (ET1704-70) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:300,000 dilution was used for 1 hour at room temperature.



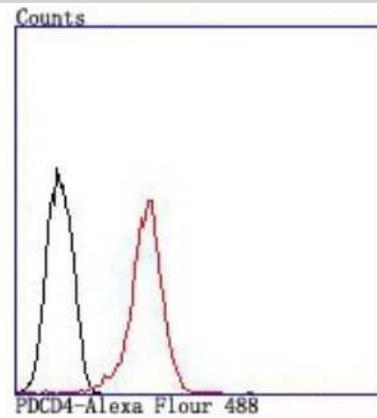
Immunocytochemistry/Immunofluorescence: PDCD4 Antibody (JA80-83) [NBP2-67024] - Staining PDCD4 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



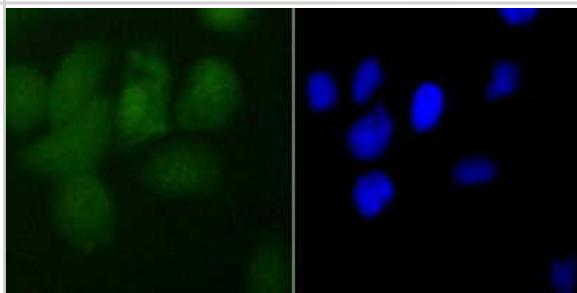
Immunohistochemistry-Paraffin: PDCD4 Antibody (JA80-83) [NBP2-67024] - Analysis of paraffin-embedded mouse colon tissue using anti-PDCD4 antibody. Counter stained with hematoxylin.



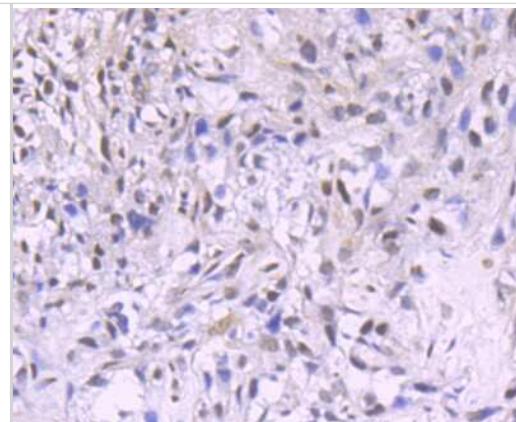
Flow Cytometry: PDCD4 Antibody (JA80-83) [NBP2-67024] - Analysis of MCF-7 cells with PDCD4 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



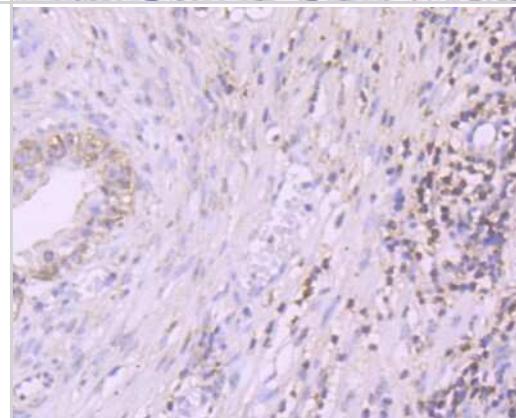
Immunocytochemistry/Immunofluorescence: PDCD4 Antibody (JA80-83) [NBP2-67024] - Staining PDCD4 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



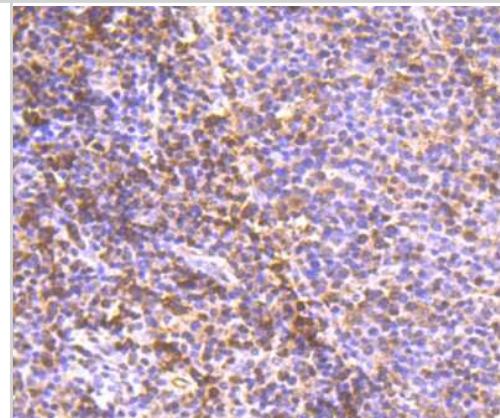
Immunohistochemistry-Paraffin: PDCD4 Antibody (JA80-83) [NBP2-67024] - Analysis of paraffin-embedded human breast cancer tissue using anti-PDCD4 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PDCD4 Antibody (JA80-83) [NBP2-67024] - Analysis of paraffin-embedded human prostate tissue using anti-PDCD4 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PDCD4 Antibody (JA80-83) [NBP2-67024] - Analysis of paraffin-embedded human tonsil tissue using anti-PDCD4 antibody. Counter stained with hematoxylin.





## 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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## 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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