

Product Datasheet

PD-1 Antibody - BSA Free NBP1-88104

Unit Size: 0.1 ml

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

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Publications: 1

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NBP1-88104

PD-1 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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

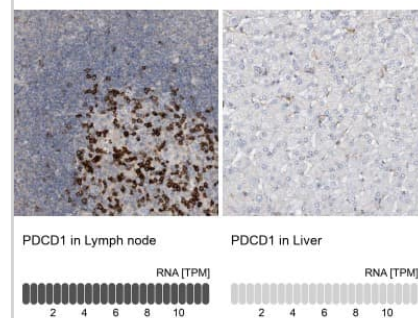
Product Description	
Description	Novus Biologicals Rabbit PD-1 Antibody - BSA Free (NBP1-88104) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-PD-1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5133
Gene Symbol	PDCD1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: WFLDSPDRPWNPPTFSPALLVVTEGDNATFTCSFSNTSESVLNWYRMSPSN QTDKLAAPEDRSQPGQDCRFRTQLPNGRDFHMSVVRARRNDSGTYLCAI S

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. See Simple Western Antibody Database for Simple Western validation: NK cell lysate at 1 mg/ml, NSCLC lysate at 1 mg/ml as samples; separated by size; antibody dilution of 1:50; observed molecular weight was 116 kDa; matrix was 12-230 kDa; detected by Chemiluminescence.

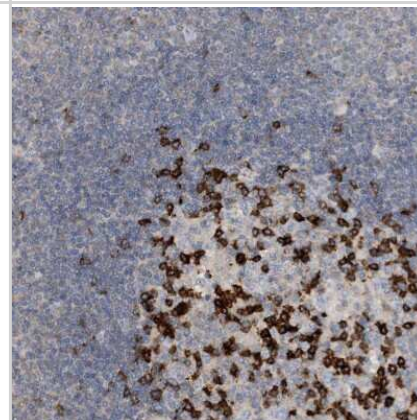


Images

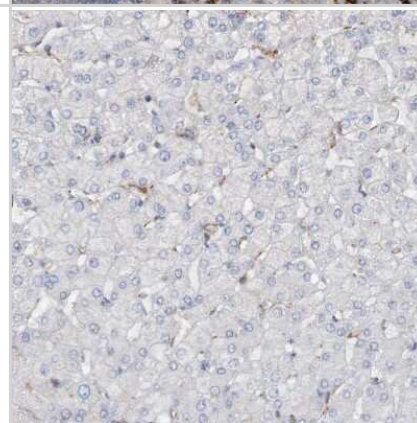
Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining in human lymph node and liver tissues . Corresponding PDCD1 RNA-seq data are presented for the same tissues.



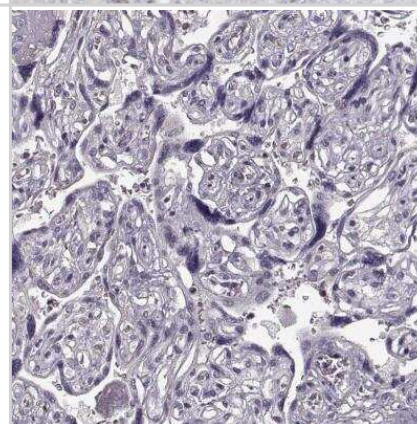
Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining of human lymph node shows strong cytoplasmic positivity in germinal center cells.



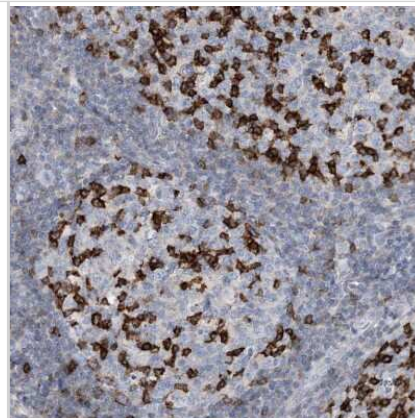
Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining of human liver shows no positivity in hepatocytes as expected.



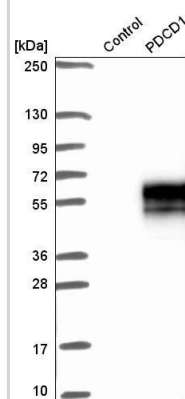
Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining of human tonsil shows strong cytoplasmic positivity in germinal center cells.



Analysis in control (vector only transfected HEK293T lysate) and pDCD1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Publications

Duchnowska R, Peksa R, Radecka B et al. Immune response in breast cancer brain metastases and their microenvironment: the role of the PD-1/PD-L axis. *Breast Cancer Res* 2016-04-27 [PMID: 27117582]



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Products Related to NBP1-88104

NBP1-88104PEP	PD-1 Recombinant Protein Antigen
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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