

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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NBP1-88104

PD-1 Antibody - BSA Free

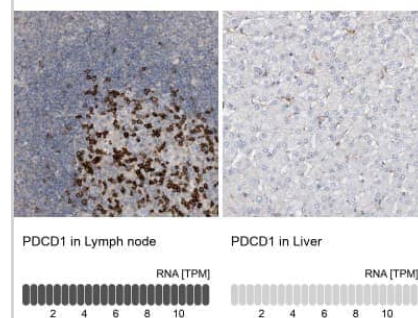
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

| Product Description | |
|---------------------|---|
| Host | Rabbit |
| Gene ID | 5133 |
| Gene Symbol | PDCD1 |
| Species | Human |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: WFLDSPDRPWNPPTFSPALLVVTEGDNATFTCSFSNTSEFVLNWYRMSPSN QTDKLAAPEDRSQPGQDCRFRVTQLPNGRDFHMSVVRARRNDSGYLCGAI S |

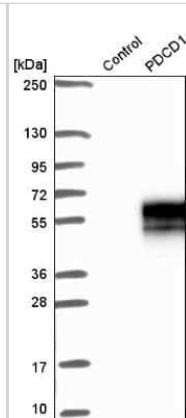
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 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

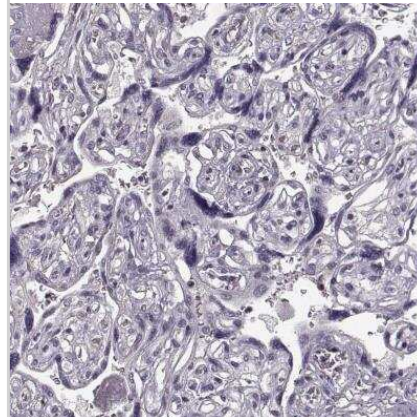
Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining in human lymph node and liver tissues . Corresponding PDCD1 RNA-seq data are presented for the same tissues.



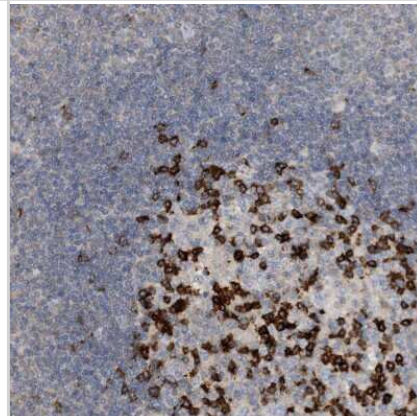
Western Blot: PD-1 Antibody [NBP1-88104] - Analysis in control (vector only transfected HEK293T lysate) and pDCD1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



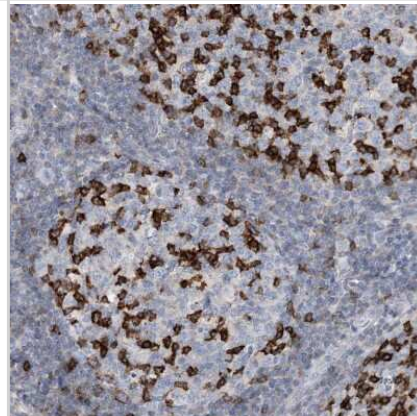
Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



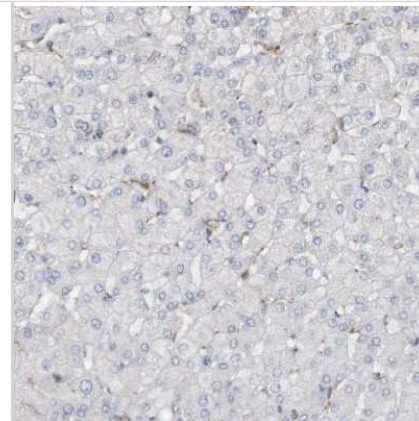
Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining of human lymph node shows strong cytoplasmic positivity in germinal center cells.



Immunohistochemistry-Paraffin: PD-1 Antibody [NBP1-88104] - Staining of human tonsil 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.



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 |
| 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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