

# Product Datasheet

## PD-1 Antibody (PDCD1/4231R) NBP3-20283-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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**NBP3-20283-100ug**

PD-1 Antibody (PDCD1/4231R)

| Product Information |                             |
|---------------------|-----------------------------|
| Unit Size           | 100 ug                      |
| Concentration       | 0.2 mg/ml                   |
| Storage             | Store at 4C. Do not freeze. |
| Clonality           | Monoclonal                  |
| Clone               | PDCD1/4231R                 |
| Preservative        | 0.05% Sodium Azide          |
| Isotype             | IgG Kappa                   |
| Purity              | Protein A or G purified     |
| Buffer              | 10mM PBS with 0.05% BSA     |

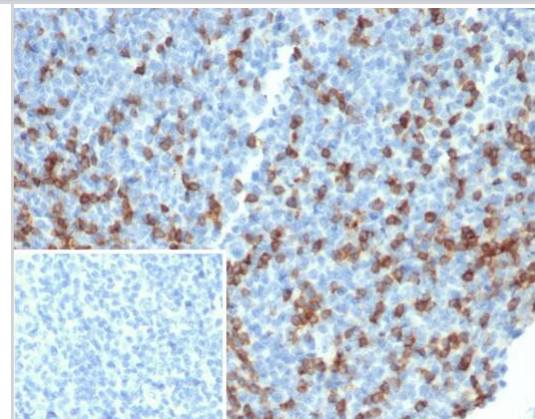
| Product Description |   |
|---------------------|---|
| Description         | Positive Controls: Human tonsil, lymph node or appendix.<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required. |
| Host                | Rabbit  |
| Gene ID             | 5133  |
| Gene Symbol         | PDCD1   |
| Species             | Human   |
| Immunogen           | Recombinant fragment corresponding to extracellular domain of human PD-1 protein (exact sequence is proprietary)  |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | ELISA, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | ELISA, Immunohistochemistry-Paraffin 1-2 ug/ml  |
| Application Notes           | ELISA: For coating, order antibody without BSA<br><br>Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.<br><br>Optimal dilution for a specific application should be determined. |

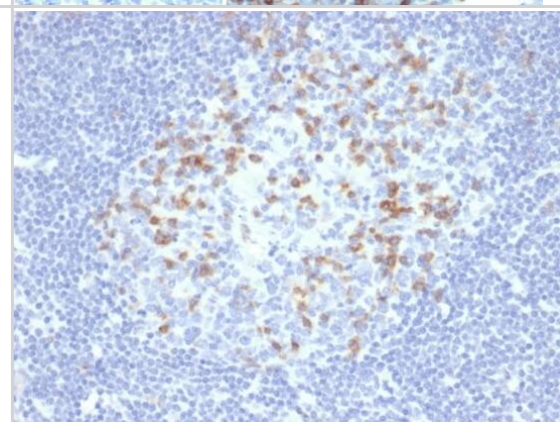


## Images

Formalin-fixed, paraffin-embedded human tonsil stained with PD1 (CD279) Recombinant Rabbit Monoclonal Antibody (PDCD1/4231R).  
Inset: PBS instead of primary antibody; secondary only negative control.



Formalin-fixed, paraffin-embedded human lymph node stained with PD1 (CD279) Recombinant Rabbit Monoclonal Antibody (PDCD1/4231R).  
HIER: Tris/EDTA, pH9.0, 45min. 2: HRP-polymer, 30min. DAB, 5min.





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### Products Related to NBP3-20283-100ug

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|               |   |
|---------------|---|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP1-77276PEP | PD-1 Antibody Blocking Peptide                      |
| 210-TA-005    | TNF-alpha [Unconjugated]                            |

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### 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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