

# Product Datasheet

## PARP Antibody (CL2220) - Azide and BSA Free NBP3-44461

Unit Size: 100 ug

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

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**NBP3-44461**

PARP Antibody (CL2220) - Azide and BSA Free

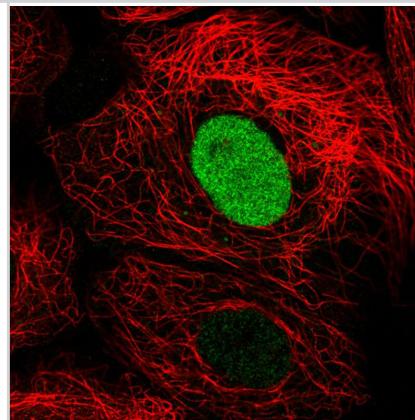
| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 100 ug   |
| Concentration               | LYOPH mg/ml  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.   |
| Clonality                   | Monoclonal   |
| Clone                       | CL2220   |
| Preservative                | No Preservative  |
| Reconstitution Instructions | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| Isotype                     | IgG1   |
| Purity                      | Protein A purified   |
| Buffer                      | Lyophilized from a 0.2 um filtered solution in PBS with Trehalose  |

| Product Description |  |
|---------------------|--|
| Description         | Novus Biologicals Mouse PARP Antibody (CL2220) - Azide and BSA Free (NBP2-36747) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse  |
| Gene ID             | 142  |
| Gene Symbol         | PARP1  |
| Species             | Human  |
| Immunogen           | This antibody was generated using a recombinant protein sequence of P09874, with the exact immunogen sequence remaining proprietary.   |

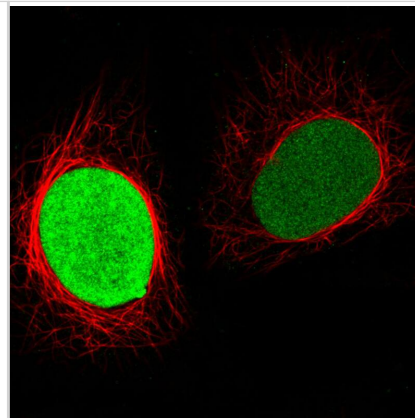
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence  |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500                          |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100. |

**Images**

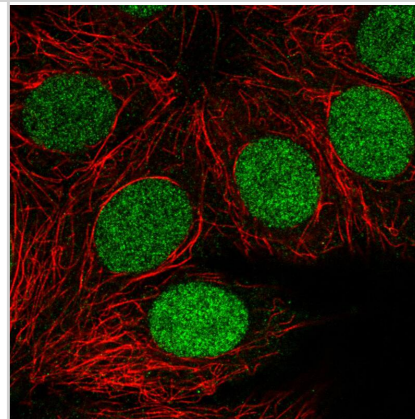
Staining in A431 cell line with Anti-PARP monoclonal antibody) .



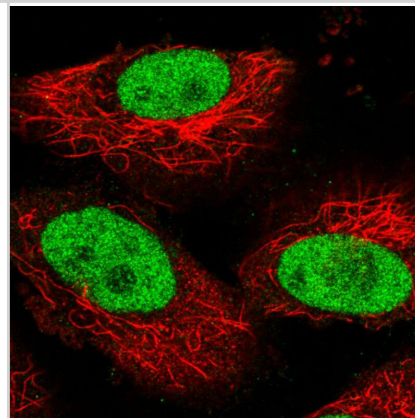
Staining in HeLa cell line with Anti-PARP monoclonal antibody) .



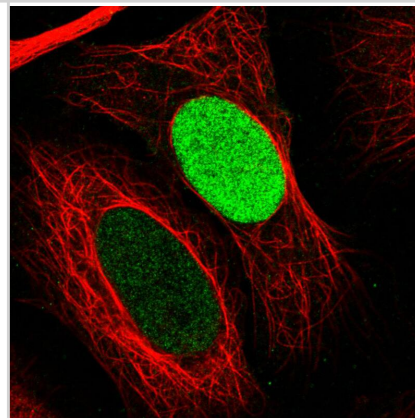
Staining in MCF7 cell line with Anti-PARP monoclonal antibody) .



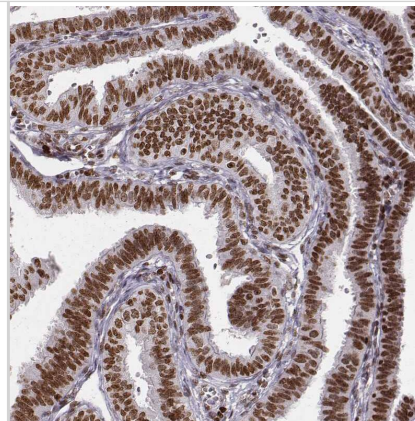
Staining in U251 cell line with Anti-PARP monoclonal antibody) .



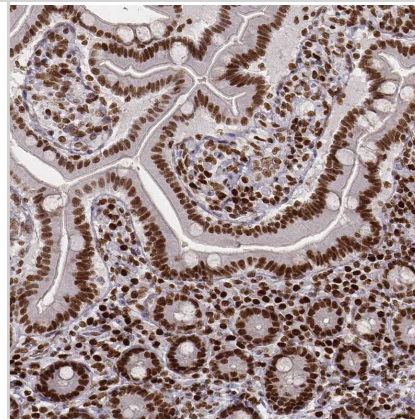
Staining in U2OS cell line with Anti-PARP monoclonal antibody) .



Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.



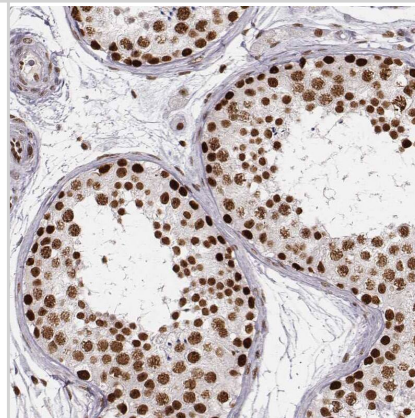
Staining of human small intestine shows strong nuclear positivity in glandular cells.



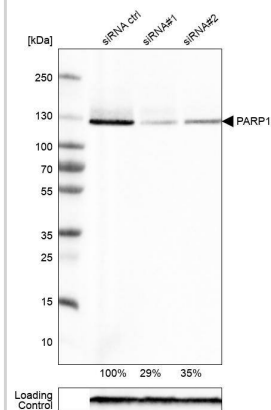
Staining of human tonsil shows strong nuclear positivity in lymphoid cells.



Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-PARP antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.





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### **Products Related to NBP3-44461**

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|                  |  |
|------------------|--|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

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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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