

# Product Datasheet

## Nbs1 Antibody (7E4A2) - Azide and BSA Free NBP2-80867

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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**NBP2-80867**

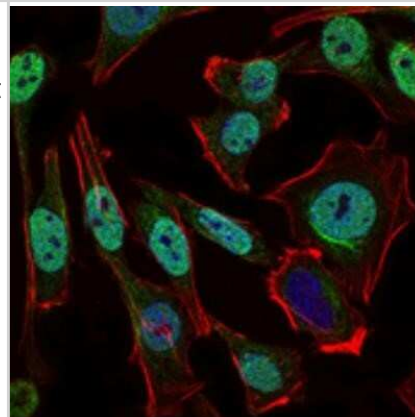
Nbs1 Antibody (7E4A2) - Azide and BSA Free

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.1 ml   |
| Concentration               | 1 mg/ml  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.   |
| Clonality                   | Monoclonal   |
| Clone                       | 7E4A2  |
| Preservative                | No Preservative  |
| Isotype                     | IgG2 Alpha   |
| Purity                      | Ammonium sulfate precipitation   |
| Buffer                      | PBS  |
| Target Molecular Weight     | 85 kDa   |
| Product Description         |  |
| Description                 | Novus Biologicals Knockout (KO) Validated Mouse Nbs1 Antibody (7E4A2) - Azide and BSA Free (NBP2-26297) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Mouse  |
| Gene ID                     | 4683   |
| Gene Symbol                 | NBN  |
| Species                     | Human  |
| Immunogen                   | Nbs1 Antibody (7E4A2) was made to partial recombinant human NBS1 (between residues 400-650) expressed in E. coli [Uniprot O60934]  |
| Product Application Details |  |
| Applications                | Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Knockout Validated   |
| Recommended Dilutions       | Western Blot 1:500 - 1:2000, Simple Western 1:50, Flow Cytometry 1:200 - 1:400, ELISA, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:100, Immunohistochemistry-Paraffin, CyTOF-ready, Knockout Validated                           |
| Application Notes           | In Simple Western only 10 - 15 uL of the recommended dilution is used per data point.<br>See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:50. Separated by Size-Wes, Sally Sue/Peggy Sue.                        |

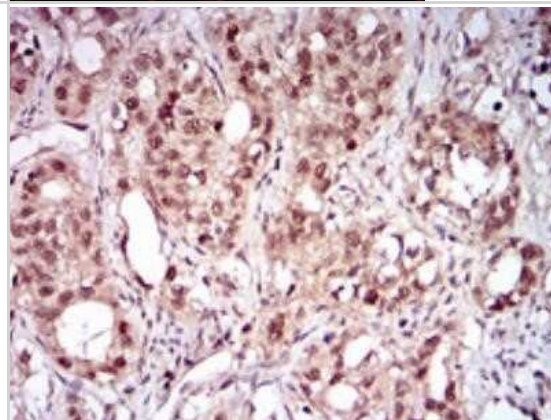


## Images

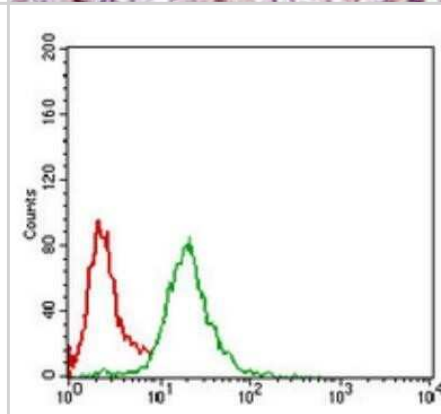
Immunocytochemistry/Immunofluorescence: Nbs1 Antibody (7E4A2) - Azide and BSA Free [NBP2-80867] - Analysis of Hela cells using mouse Nbs1 Antibody (7E4A2) [NBP2-26297] (green). Blue: DRAQ5 fluorescent DNA dye [NBP2-81125]. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Image from the standard format of this antibody.



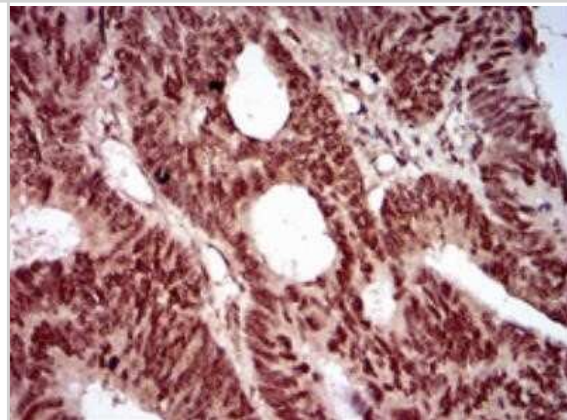
Immunohistochemistry-Paraffin: Nbs1 Antibody (7E4A2) - Azide and BSA Free [NBP2-80867] - Analysis of Nbs1 in paraffin-embedded cervical cancer tissues using mouse Nbs1 Antibody (7E4A2) [NBP2-26297] with DAB staining. Image from the standard format of this antibody.



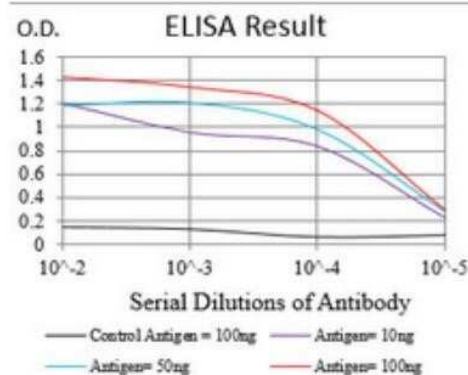
Flow Cytometry: Nbs1 Antibody (7E4A2) - Azide and BSA Free [NBP2-80867] - Analysis of Nbs1 in Hela cells using mouse Nbs1 Antibody (7E4A2) [NBP2-26297] (green) and negative control (red). Image from the standard format of this antibody.



Immunohistochemistry: Nbs1 Antibody (7E4A2) - Azide and BSA Free [NBP2-80867] - Analysis of paraffin-embedded rectum cancer tissues using mouse Nbs1 Antibody (7E4A2) [NBP2-26297] with DAB staining. Image from the standard format of this antibody.



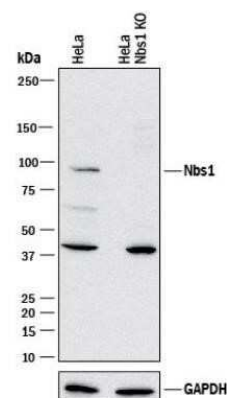
ELISA: Nbs1 Antibody (7E4A2) - Azide and BSA Free [NBP2-80867] - ELISA analysis using Nbs1 Antibody (7E4A2) [NBP2-26297]. Image from the standard format of this antibody.



Simple Western: Nbs1 Antibody (7E4A2) - Azide and BSA Free [NBP2-80867] - Analysis using Nbs1 Antibody (7E4A2) [NBP2-26297]. Molecular Weight observed at: 115 kDa. Image from the standard format of this antibody.



Western Blot: Nbs1 Antibody (7E4A2) - Azide and BSA Free [NBP2-80867] - Western blot shows lysates of HeLa human cervical epithelial carcinoma parental cell line and Nbs1 knockout (KO) HeLa cell line. PVDF membrane was probed with 1:1000 of Mouse Anti-Human Polyclonal Nbs1 Antibody [NBP2-26297] followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody [HAF018]. Specific band was detected for Nbs1 at approximately 95 kDa (as indicated) in the parental HeLa cell line, but is not detectable in the knockout HeLa cell line. This experiment was conducted under reducing conditions. Image from the standard format of this antibody.





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### **Products Related to NBP2-80867**

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|               |   |
|---------------|---|
| HAF007        | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B       | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-06705PEP | Nbs1 Antibody Blocking Peptide                          |
| NBP1-06609PEP | Nbs1 Antibody Blocking Peptide                          |

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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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