

# Product Datasheet

## ATP7b Antibody (24A4) - BSA Free NBP3-26489-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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Updated 7/30/2025 v.20.1

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**NBP3-26489-100ul**

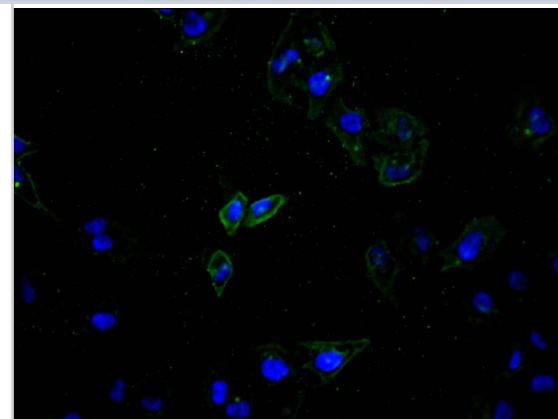
ATP7b Antibody (24A4) - BSA Free

| Product Information         |                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                      |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage                     | Store at -20 to -70C. Avoid freeze-thaw cycles.                                             |
| Clonality                   | Monoclonal                                                                                  |
| Clone                       | 24A4                                                                                        |
| Preservative                | 0.03% Proclin 300                                                                           |
| Isotype                     | IgG                                                                                         |
| Purity                      | Affinity purified                                                                           |
| Buffer                      | 50% Glycerol, 0.01M PBS, PH 7.4                                                             |
| Product Description         |                                                                                             |
| Host                        | Rabbit                                                                                      |
| Gene ID                     | 540                                                                                         |
| Gene Symbol                 | ATP7B                                                                                       |
| Species                     | Human                                                                                       |
| Immunogen                   | Recombinant Human ATP7b protein [UniProt P35670]                                            |
| Product Application Details |                                                                                             |
| Applications                | ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence                              |
| Recommended Dilutions       | Flow Cytometry 1:50-1:200, ELISA, Immunocytochemistry/ Immunofluorescence 1:50-1:200        |

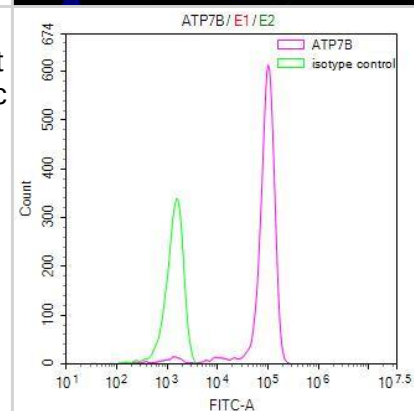


## Images

Immunocytochemistry/Immunofluorescence: ATP7b Antibody (9H8) [NBP3-26489] - Staining of Hela cell with ATP7b Antibody (9H8) at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: ATP7b Antibody (9H8) [NBP3-26489] - Overlay Peak curve showing Hela cells stained with ATP7b Antibody (9H8) (red line) at 1:100. Then 10% normal goat serum was Incubated to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup> cells) for 45 min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-Rabbit IgG (H+L) at 1/200 dilution for 35 min at 4C. Isotype control antibody (green line) was mouse IgG1 (1ug/1\*10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-26489-100ul**

|              |                                                     |
|--------------|-----------------------------------------------------|
| HAF008       | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160       | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891   | Rabbit IgG Isotype Control                          |
| NB100-361PEP | ATP7b Antibody Blocking Peptide                     |

### **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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