

# Product Datasheet

## Uroplakin Ib Antibody (UPK1B/3273) - Azide and BSA Free NBP2-79935

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-79935](http://www.novusbio.com/NBP2-79935)

Updated 7/16/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-79935](http://www.novusbio.com/reviews/destination/NBP2-79935)



**NBP2-79935**

Uroplakin Ib Antibody (UPK1B/3273) - Azide and BSA Free

| Product Information     |                                                 |
|-------------------------|-------------------------------------------------|
| Unit Size               | 100 ug                                          |
| Concentration           | 1 mg/ml                                         |
| Storage                 | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                      |
| Clone                   | UPK1B/3273                                      |
| Preservative            | No Preservative                                 |
| Isotype                 | IgG1 Kappa                                      |
| Purity                  | Protein A or G purified                         |
| Buffer                  | 10 mM PBS                                       |
| Target Molecular Weight | 30 kDa                                          |

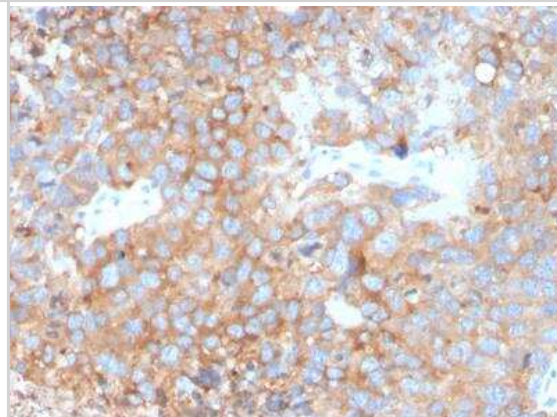
| Product Description |                                                                                                                                                                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-79801).<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host                | Mouse                                                                                                                                                                                                                                                                         |
| Gene ID             | 7348                                                                                                                                                                                                                                                                          |
| Gene Symbol         | UPK1B                                                                                                                                                                                                                                                                         |
| Species             | Human                                                                                                                                                                                                                                                                         |
| Marker              | Urothelial Differentiation Marker                                                                                                                                                                                                                                             |
| Immunogen           | Recombinant fragment (around aa 109-229) of human Uroplakin Ib (UPK1B) protein (exact sequence is proprietary) (Uniprot: O75841)                                                                                                                                              |

| Product Application Details |                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array                                                                                                                                                                                                                                                                                |
| Recommended Dilutions       | ELISA, Immunohistochemistry 1 - 2 ug/mL, Immunohistochemistry-Paraffin 1 - 2 ug/mL, Protein Array                                                                                                                                                                                                                                                        |
| Application Notes           | ELISA: For coating, order Ab without BSA.<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. Optimal dilution for a specific application should be determined. |

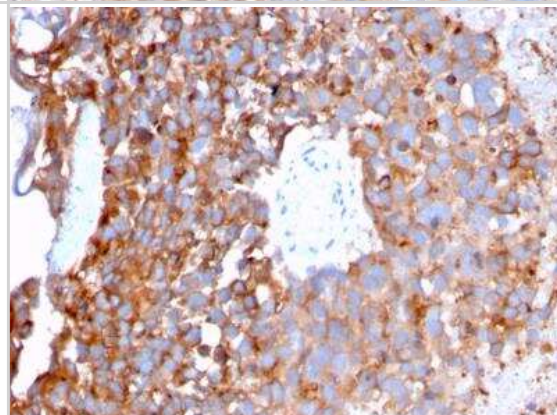


## Images

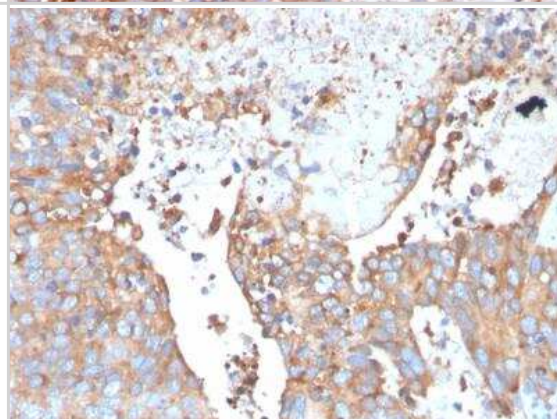
Immunohistochemistry-Paraffin: Uroplakin Ib Antibody (UPK1B/3273) - Azide and BSA Free [NBP2-79935] - Formalin-fixed, paraffin-embedded human Urothelial Carcinoma stained with Monospecific Mouse Monoclonal Antibody to Uroplakin 1B (UPK1B/3273).



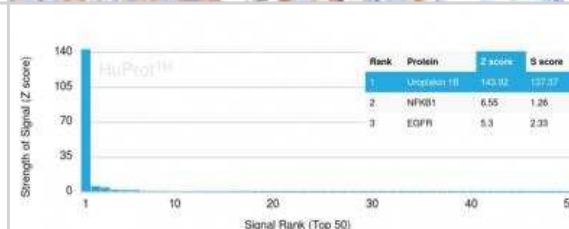
Immunohistochemistry-Paraffin: Uroplakin Ib Antibody (UPK1B/3273) - Azide and BSA Free [NBP2-79935] - Formalin-fixed, paraffin-embedded human Urothelial Carcinoma stained with Monospecific Mouse Monoclonal Antibody to Uroplakin 1B (UPK1B/3273).



Immunohistochemistry-Paraffin: Uroplakin Ib Antibody (UPK1B/3273) - Azide and BSA Free [NBP2-79935] - Formalin-fixed, paraffin-embedded human Urothelial Carcinoma stained with Monospecific Mouse Monoclonal Antibody to Uroplakin 1B (UPK1B/3273).



**Protein Array: Uroplakin Ib Antibody (UPK1B/3273) - Azide and BSA Free [NBP2-79935] - Z- and S- Score:** The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.





### **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 NBP2-79935**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg   | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| H00007348-Q01-10ug | Recombinant Human Uroplakin Ib GST (N-Term) Protein     |

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-79935](http://www.novusbio.com/reviews/submit/NBP2-79935)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

