

# Product Datasheet

## RDH11 Antibody (OTI1B4) NBP2-02431

Unit Size: 0.1 ml

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

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



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

### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-02431](http://www.novusbio.com/NBP2-02431)

Updated 10/23/2024 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/NBP2-02431](http://www.novusbio.com/reviews/destination/NBP2-02431)



**NBP2-02431**

RDH11 Antibody (OTI1B4)

**Product Information**

|                                |                                          |
|--------------------------------|------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                   |
| <b>Concentration</b>           | 0.99 mg/ml                               |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                               |
| <b>Clone</b>                   | OTI1B4                                   |
| <b>Preservative</b>            | 0.02% Sodium Azide                       |
| <b>Isotype</b>                 | IgG2a                                    |
| <b>Purity</b>                  | Immunogen affinity purified              |
| <b>Buffer</b>                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| <b>Target Molecular Weight</b> | 35.2 kDa                                 |

**Product Description**

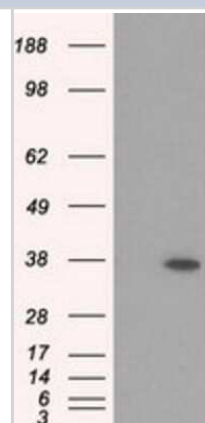
|                         |                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>             | Mouse                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>          | 51109                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>      | RDH11                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human, Mouse                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity Notes</b> | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| <b>Immunogen</b>        | Full length human recombinant protein of human RDH11(NP_057110) produced in HEK293T cell.                                                                                                                                                                                                                                                       |

**Product Application Details**

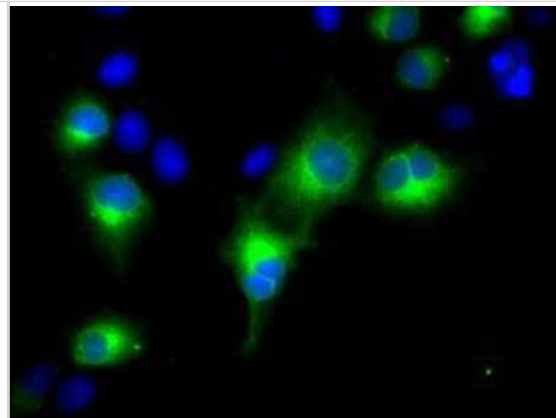
|                              |                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                              |
| <b>Recommended Dilutions</b> | Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50 |

**Images**

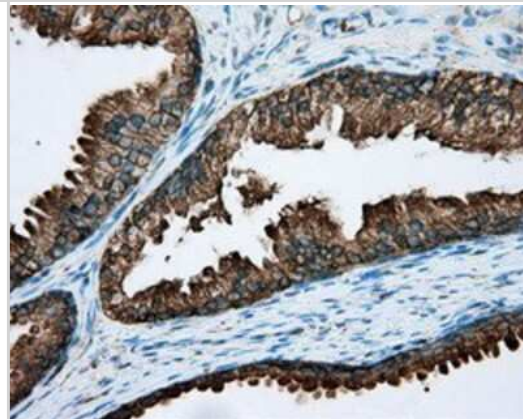
Western Blot: RDH11 Antibody (1B4) [NBP2-02431] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RDH11 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RDH11.



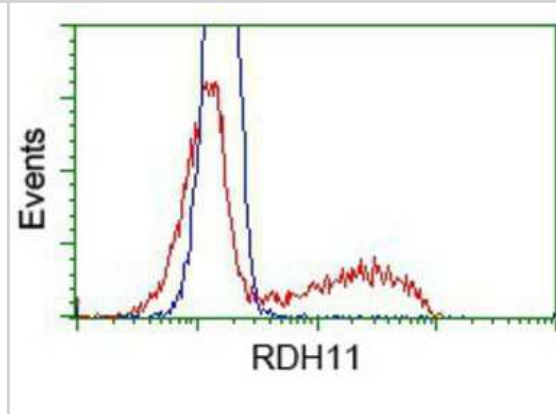
Immunocytochemistry/Immunofluorescence: RDH11 Antibody (1B4) [NBP2-02431] Staining of COS7 cells transiently transfected by pCMV6-ENTRY RDH11.



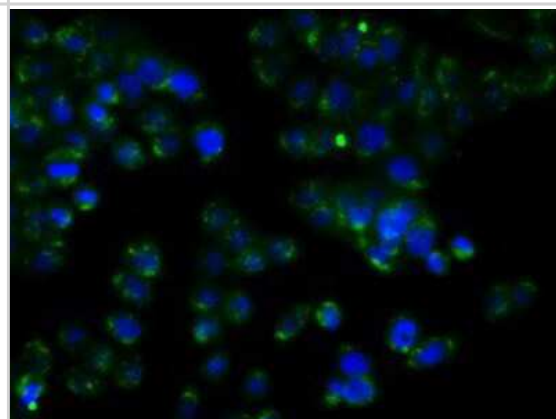
Immunohistochemistry-Paraffin: RDH11 Antibody (1B4) [NBP2-02431] - Staining of paraffin-embedded prostate tissue using anti-RDH11 mouse monoclonal antibody.



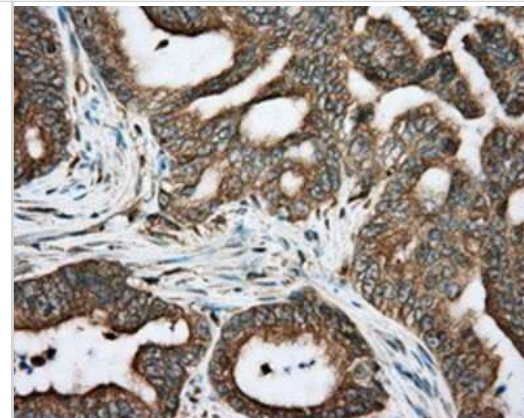
Flow Cytometry: RDH11 Antibody (1B4) [NBP2-02431] - HEK293T cells transfected with either pCMV6-ENTRY RDH11.(Red) or empty vector control plasmid (Blue) were immunostained with anti-RDH11 mouse monoclonal, and then analyzed by flow cytometry.



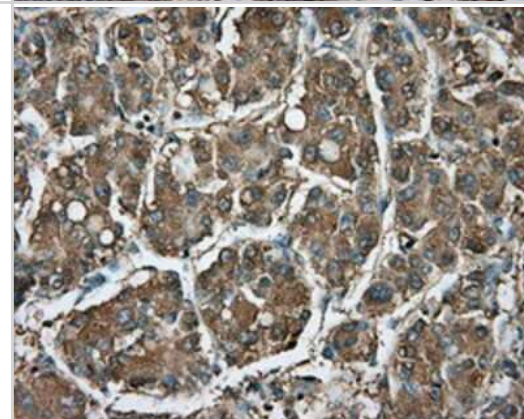
Immunocytochemistry/Immunofluorescence: RDH11 Antibody (1B4) [NBP2-02431] - Immunofluorescent staining of HT29 cells using anti-RDH11 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: RDH11 Antibody (1B4) [NBP2-02431] - Staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-RDH11 mouse monoclonal antibody.



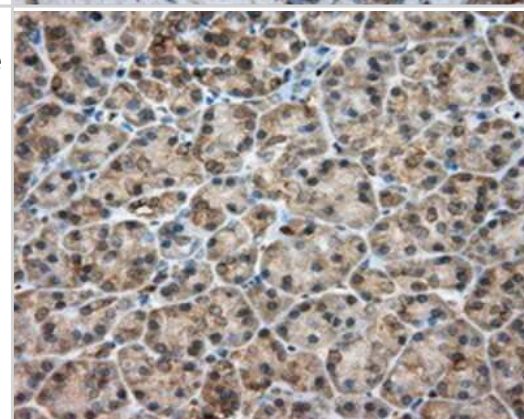
Immunohistochemistry-Paraffin: RDH11 Antibody (1B4) [NBP2-02431] - Staining of paraffin-embedded Carcinoma of liver tissue using anti-RDH11 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: RDH11 Antibody (1B4) [NBP2-02431] - Staining of paraffin-embedded Carcinoma of prostate tissue using anti-RDH11 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: RDH11 Antibody (1B4) [NBP2-02431] - Staining of paraffin-embedded pancreas tissue using anti-RDH11 mouse monoclonal antibody.



## Publications

Dong G, Guo Y, Cao H et al. Long-term effects of repeated superovulation on ovarian structure and function in rhesus monkeys. Fertil. Steril. 2014-09-10 [PMID: 25217873] (WB)

Sun MZ, Dang SS, Wang WJ et al. Cytokeratin 8 is increased in hepatitis C virus cells and its ectopic expression induces apoptosis of SMMC7721 cells. World J Gastroenterol. 2013-10-07 [PMID: 24115814] (ICC/IF, Human)



### **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](mailto: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](mailto: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](mailto:info.EMEA@bio-techne.com)

### **General Contact Information**

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

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP2-02431**

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96778         | Mouse IgG2a Isotype Control (M2A)                       |
| H00051109-P01-10ug | Recombinant Human RDH11 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/NBP2-02431](http://www.novusbio.com/reviews/submit/NBP2-02431)

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

