

# Product Datasheet

## RDH14 Antibody (OTI1A7) - Azide and BSA Free NBP2-73847

Unit Size: 100 ug

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

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**NBP2-73847**

RDH14 Antibody (OTI1A7) - Azide and BSA Free

**Product Information**

|                                    |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 100 ug   |
| <b>Concentration</b>               | LYOPH mg/ml  |
| <b>Storage</b>                     | Store at -20C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | OTI1A7   |
| <b>Preservative</b>                | No Preservative  |
| <b>Reconstitution Instructions</b> | Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended. |
| <b>Isotype</b>                     | IgG2a  |
| <b>Purity</b>                      | Immunogen affinity purified  |
| <b>Buffer</b>                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose  |
| <b>Target Molecular Weight</b>     | 36.7 kDa   |

**Product Description**

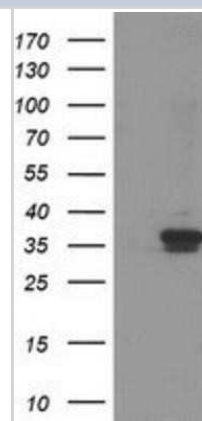
|                    |  |
|--------------------|--|
| <b>Host</b>        | Mouse  |
| <b>Gene ID</b>     | 57665  |
| <b>Gene Symbol</b> | RDH14  |
| <b>Species</b>     | Human, Mouse, Rat  |
| <b>Immunogen</b>   | Full length human recombinant protein of human RDH14 (NP_065956) produced in HEK293T cell. |

**Product Application Details**

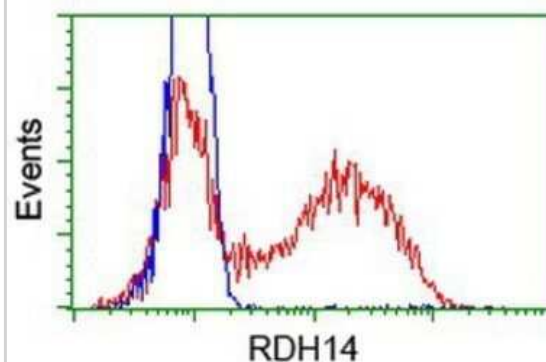
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Flow Cytometry, CyTOF-ready                 |
| <b>Recommended Dilutions</b> | Western Blot 1:200-500, Flow Cytometry 1:100, CyTOF-ready |

**Images**

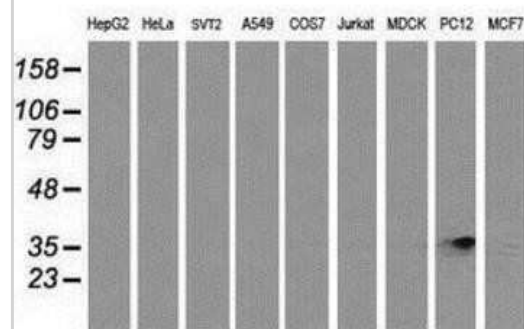
Western Blot: RDH14 Antibody (OTI1A7) - Azide and BSA Free [NBP2-73847] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RDH14 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-RDH14.



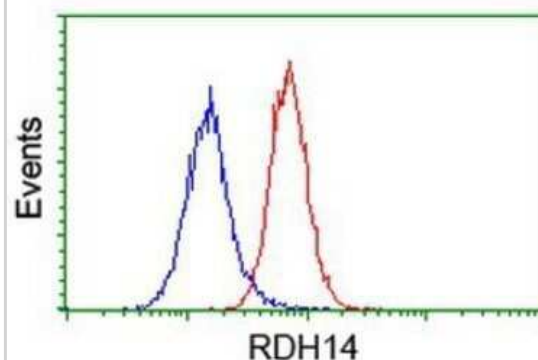
Flow Cytometry: RDH14 Antibody (OT11A7) - Azide and BSA Free [NBP2-73847] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-RDH14 antibody, and then analyzed by flow cytometry.



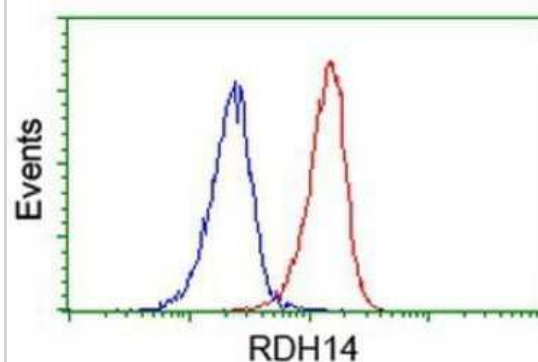
Western Blot: RDH14 Antibody (OT11A7) - Azide and BSA Free [NBP2-73847] - Analysis of extracts (35ug) from 9 different cell lines by using anti-RDH14 monoclonal antibody.



Flow Cytometry: RDH14 Antibody (OT11A7) - Azide and BSA Free [NBP2-73847] - Analysis of Hela cells, using anti-RDH14 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: RDH14 Antibody (OT11A7) - Azide and BSA Free [NBP2-73847] - Analysis of Jurkat cells, using anti-RDH14 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-73847**

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|               |   |
|---------------|---|
| 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)                       |
| NBP2-31647PEP | RDH14 Recombinant Protein Antigen                       |

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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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