

# Product Datasheet

## TSHR Antibody (4C1) - BSA Free NB100-65797-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-65797-0.1mg**

TSHR Antibody (4C1) - BSA Free

**Product Information**

|                      |                                                                                        |
|----------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 0.1 mg                                                                                 |
| <b>Concentration</b> | 1.0 mg/ml                                                                              |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>     | Monoclonal                                                                             |
| <b>Clone</b>         | 4C1                                                                                    |
| <b>Preservative</b>  | 0.09% Sodium Azide                                                                     |
| <b>Isotype</b>       | IgG2a                                                                                  |
| <b>Purity</b>        | Protein A purified                                                                     |
| <b>Buffer</b>        | PBS                                                                                    |

**Product Description**

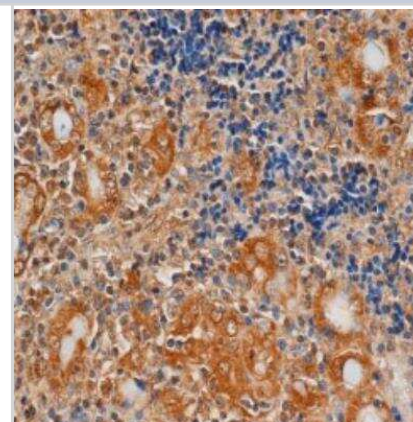
|                                |                                                                                                                                                                                                              |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Novus Biologicals Mouse TSHR Antibody (4C1) - BSA Free (NB100-65797) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                        |
| <b>Gene ID</b>                 | 7253                                                                                                                                                                                                         |
| <b>Gene Symbol</b>             | TSHR                                                                                                                                                                                                         |
| <b>Species</b>                 | Human                                                                                                                                                                                                        |
| <b>Specificity/Sensitivity</b> | Recognizes the human thyroid stimulating hormone (TSH) receptor (otherwise known as the thyrotropin receptor) binding to an extracellular domain.                                                            |
| <b>Immunogen</b>               | External domain of human TSH receptor                                                                                                                                                                        |

**Product Application Details**

|                              |                                                                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation                                                              |
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry 1:100-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:1000-1:2000, Immunohistochemistry-Frozen 1:10-1:500             |
| <b>Application Notes</b>     | This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections. |

**Images**

Immunohistochemistry-Paraffin: TSH R Antibody (4C1) [NB100-65797] - Human thyroid.





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### **Products Related to NB100-65797-0.1mg**

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|            |                                                         |
|------------|---------------------------------------------------------|
| NBL1-17361 | TSHR Overexpression Lysate                              |
| 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)                       |

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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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