

# Product Datasheet

## TMEM2 Antibody - BSA Free NBP1-94168

Unit Size: 0.1 ml

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

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



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### Publications: 1

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Updated 12/2/2025 v.20.1

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**NBP1-94168**

TMEM2 Antibody - BSA Free

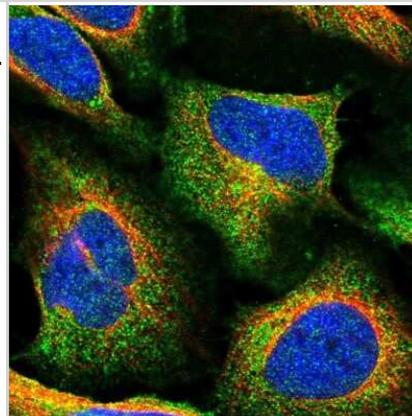
| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal   |
| <b>Preservative</b>  | 0.02% Sodium Azide   |
| <b>Isotype</b>       | IgG  |
| <b>Purity</b>        | Affinity purified  |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |  |
|---------------------|--|
| <b>Description</b>  | Novus Biologicals Rabbit TMEM2 Antibody - BSA Free (NBP1-94168) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TMEM2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>         | Rabbit   |
| <b>Gene ID</b>      | 23670  |
| <b>Gene Symbol</b>  | TMEM2  |
| <b>Species</b>      | Human  |
| <b>Immunogen</b>    | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>YATDSRGHSPAFLQPQNGNSRHPSGYVPGKVPLRPPPPPKSQASAKFTSIR<br>REDRATFAFSPEEQQAQ  |

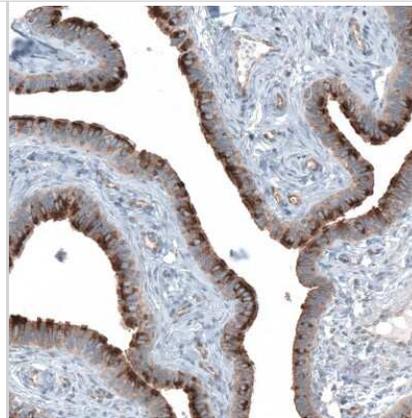
| Product Application Details  |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry   |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.  |

**Images**

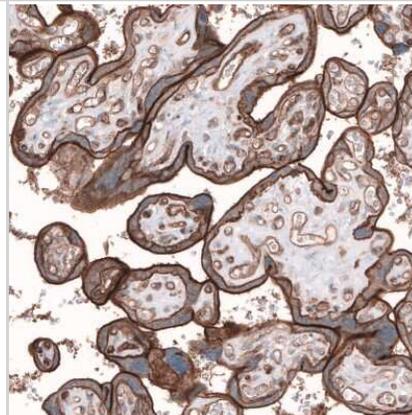
Immunocytochemistry/Immunofluorescence: TMEM2 Antibody [NBP1-94168] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining shown in green.



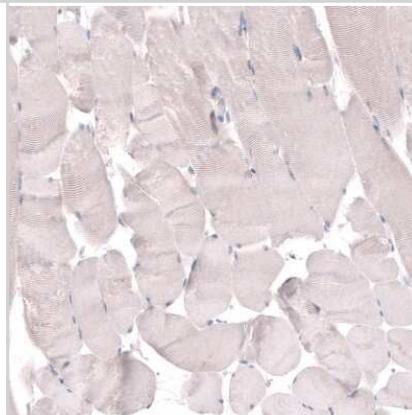
Immunohistochemistry-Paraffin: TMEM2 Antibody [NBP1-94168] - Staining of human Fallopian tube shows strong positivity in apical membrane in glandular cells.



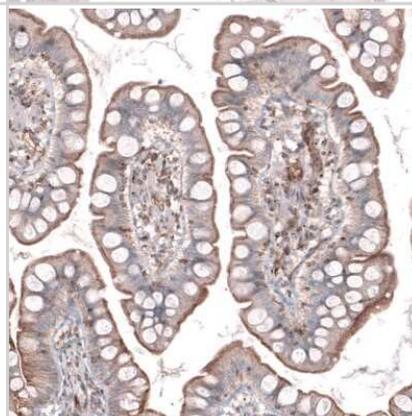
Immunohistochemistry-Paraffin: TMEM2 Antibody [NBP1-94168] - Staining of human placenta shows strong membranous positivity in trophoblastic cells.



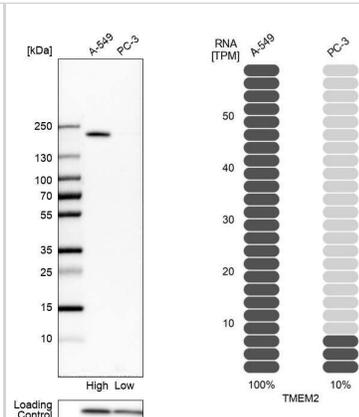
Immunohistochemistry-Paraffin: TMEM2 Antibody [NBP1-94168] - Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



Immunohistochemistry-Paraffin: TMEM2 Antibody [NBP1-94168] - Staining of human small intestine shows moderate positivity in apical membranes in glandular cells.



Analysis in human cell lines A-549 and PC-3 using Anti-TMEM2 antibody. Corresponding TMEM2 RNA-seq data are presented for the same cell lines. Loading control: Anti-PPIB.



## Publications

Zhou H, Jia X, Hu K et al. TMEM2 binds to CSNK2A3 to inhibit HBV infection via activation of the JAK/STAT pathway  
Experimental cell research 2021-03-01 [PMID: 33582094] (WB, Human)



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### **Products Related to NBP1-94168**

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|               |   |
|---------------|---|
| NBP1-94168PEP | TMEM2 Recombinant Protein Antigen                   |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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