

# Product Datasheet

## TMEM205 Antibody - BSA Free

### NBP1-81255

Unit Size: 0.1 ml

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

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Updated 9/9/2025 v.20.1

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**NBP1-81255**

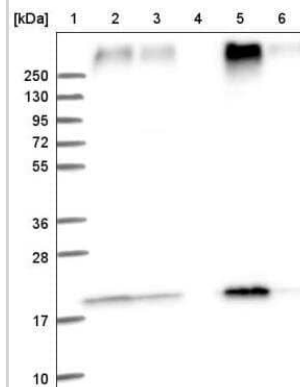
TMEM205 Antibody - BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 ml  |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| Clonality                   | Polyclonal  |
| Preservative                | 0.02% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Immunogen affinity purified   |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol   |
| Product Description         |   |
| Description                 | Novus Biologicals Rabbit TMEM205 Antibody - BSA Free (NBP1-81255) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit  |
| Gene ID                     | 374882  |
| Gene Symbol                 | TMEM205   |
| Species                     | Human   |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (87%)  |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>RTTAAMWALQTVEKERGLGGEVPGSHQGPDYRQLREKDPKYSALRQNFFR<br>YH   |
| Product Application Details |   |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry   |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500                                  |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.   |

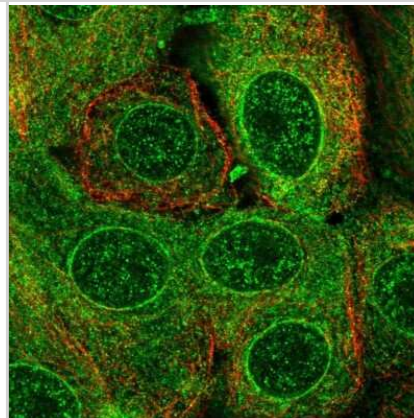


## Images

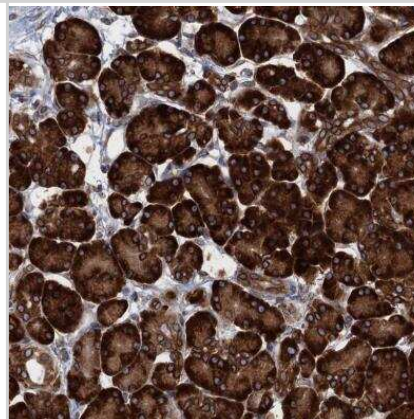
Western Blot: TMEM205 Antibody [NBP1-81255] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



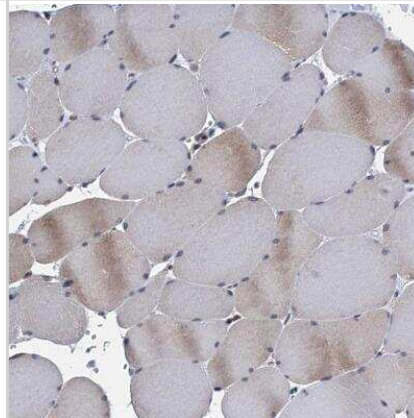
Immunocytochemistry/Immunofluorescence: TMEM205 Antibody [NBP1-81255] - Staining of human cell line MCF7 shows localization to nucleoplasm, nuclear membrane & endoplasmic reticulum. Antibody staining is shown in green.



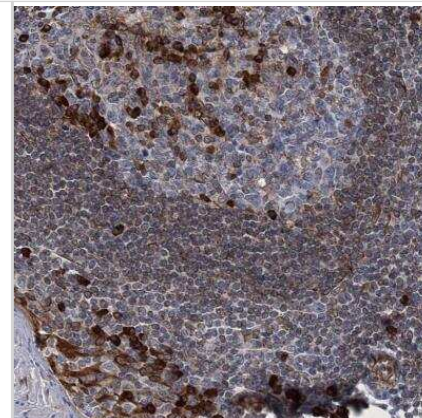
Immunohistochemistry-Paraffin: TMEM205 Antibody [NBP1-81255] - Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.



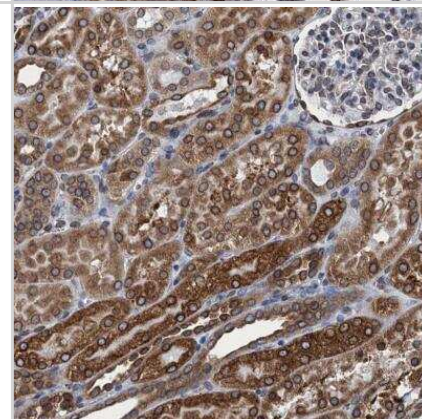
Immunohistochemistry-Paraffin: TMEM205 Antibody [NBP1-81255] - Staining of human skeletal muscle shows very weak positivity in myocytes as expected.



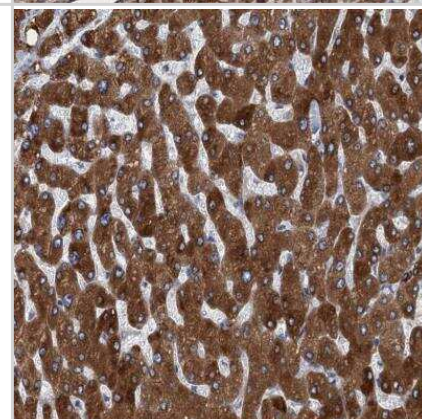
Immunohistochemistry-Paraffin: TMEM205 Antibody [NBP1-81255] - Staining of human tonsil shows strong cytoplasmic positivity in germinal center cells.



Immunohistochemistry-Paraffin: TMEM205 Antibody [NBP1-81255] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: TMEM205 Antibody [NBP1-81255] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.





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### **Products Related to NBP1-81255**

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|               |   |
|---------------|---|
| NBP1-81255PEP | TMEM205 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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