

# Product Datasheet

## **TMPRSS2 Antibody - Azide and BSA Free** **NBP2-93322-0.1ml**

Unit Size: 0.1 ml

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

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



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**NBP2-93322-0.1ml**

TMPRSS2 Antibody - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	53.9 kDa

**Product Description**

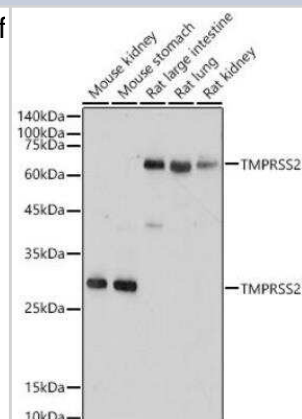
<b>Host</b>	Rabbit
<b>Gene ID</b>	7113
<b>Gene Symbol</b>	TMPRSS2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TMPRSS2 (NP_005647.3). MALNSGSPPAIGPYYENHGYQPENPYPAQPTVVPTVYEVHPAQYYPSVPVQY APRVLTQASNPVVCTQPKSPSGTVCTSKTKKALCITLTLGTFLVGAAL

**Product Application Details**

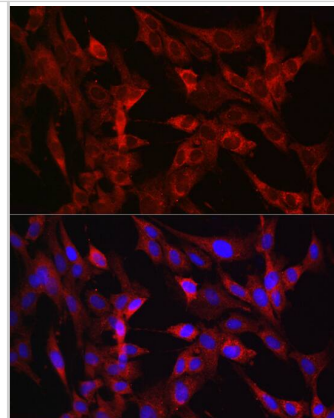
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

**Images**

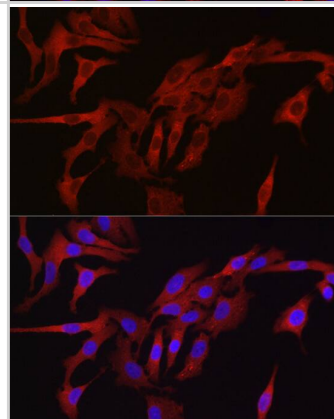
Western Blot: TMPRSS2 Antibody [NBP2-93322] - Analysis of extracts of various cell lines, using TMPRSS2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



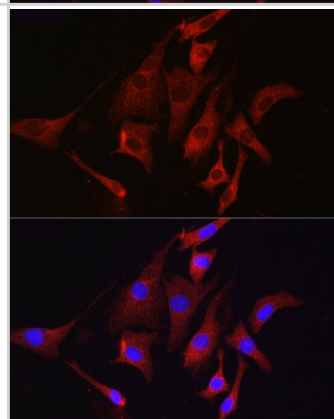
Immunocytochemistry/ Immunofluorescence: TMPRSS2 Antibody - Azide and BSA Free [NBP2-93322] - Immunofluorescence analysis of C6 cells using TMPRSS2 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



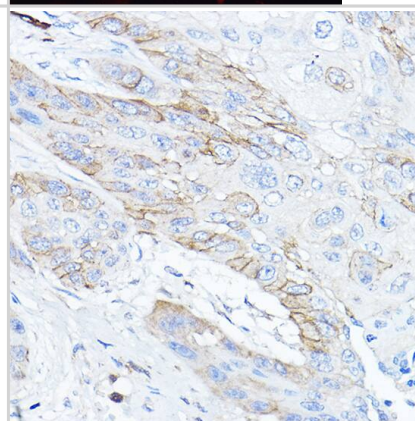
Immunocytochemistry/ Immunofluorescence: TMPRSS2 Antibody - Azide and BSA Free [NBP2-93322] - Immunofluorescence analysis of A-549 cells using TMPRSS2 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



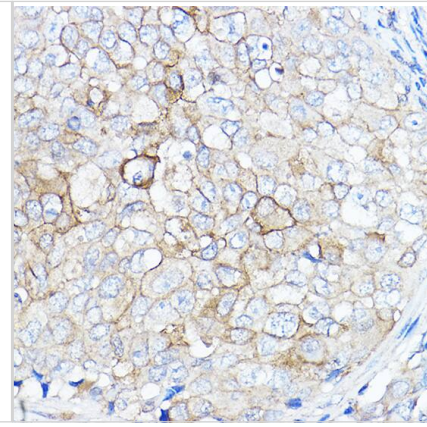
Immunocytochemistry/ Immunofluorescence: TMPRSS2 Antibody - Azide and BSA Free [NBP2-93322] - Immunofluorescence analysis of NIH/3T3 cells using TMPRSS2 Rabbit pAb at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: TMPRSS2 Antibody - Azide and BSA Free [NBP2-93322] - Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using TMPRSS2 Rabbit pAb at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: TMPRSS2 Antibody - Azide and BSA Free [NBP2-93322] - Immunohistochemistry analysis of paraffin-embedded Human breast cancer using TMPRSS2 Rabbit pAb at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



## Publications

Ireland RE, Davies CD, Keyser E et al. Histopathological and Immunological Findings in the Common Marmoset Following Exposure to Aerosolized SARS-CoV-2 Viruses 2022-07-21 [PMID: 35891560]



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### **Products Related to NBP2-93322-0.1ml**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00007113-Q01-10ug	Recombinant Human TMPRSS2 GST (N-Term) Protein

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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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