

# Product Datasheet

## Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) NBP2-00894

Unit Size: 0.1 ml

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

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**NBP2-00894**

Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8)

**Product Information**

|                                |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml                                   |
| <b>Concentration</b>           | 1 mg/ml                                  |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                               |
| <b>Clone</b>                   | OTI8C8                                   |
| <b>Preservative</b>            | 0.02% Sodium Azide                       |
| <b>Isotype</b>                 | IgG1                                     |
| <b>Purity</b>                  | Immunogen affinity purified              |
| <b>Buffer</b>                  | PBS (pH 7.3), 1.0% BSA and 50% Glycerol  |
| <b>Target Molecular Weight</b> | 22.4 kDa                                 |

**Product Description**

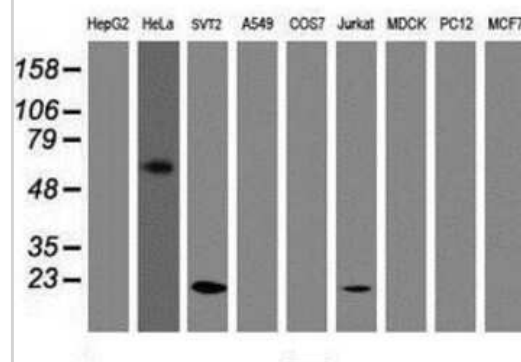
|                         |   |
|-------------------------|---|
| <b>Host</b>             | Mouse   |
| <b>Gene ID</b>          | 6876  |
| <b>Gene Symbol</b>      | TAGLN   |
| <b>Species</b>          | Human, Mouse, Rat   |
| <b>Reactivity Notes</b> | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| <b>Immunogen</b>        | Full length human reocombinant protein of human TAGLN(NP_003177) produced in HEK293T cell.  |

**Product Application Details**

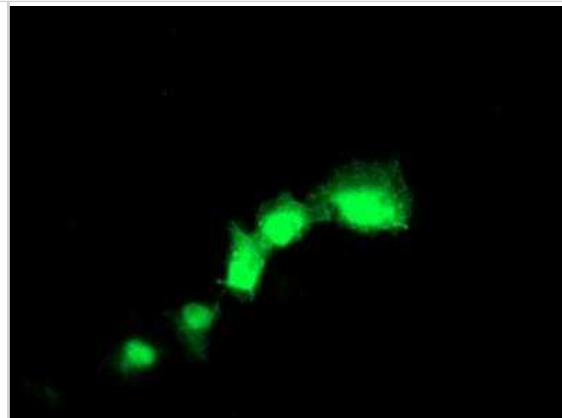
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                              |
| <b>Recommended Dilutions</b> | Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150 |

**Images**

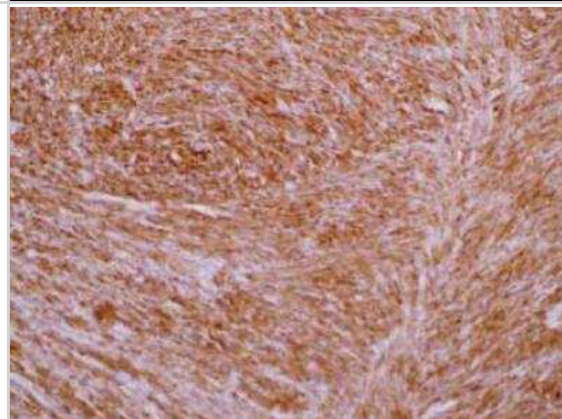
Western Blot: SM22 alpha Antibody (8C8) [NBP2-00894] Analysis of extracts (35ug) from 9 different cell lines by using anti-SM22 alpha monoclonal antibody.



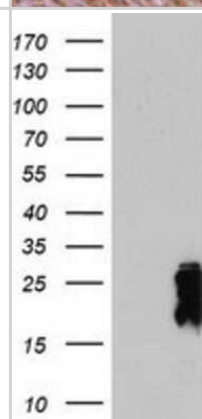
Immunocytochemistry/Immunofluorescence: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) [NBP2-00894] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY



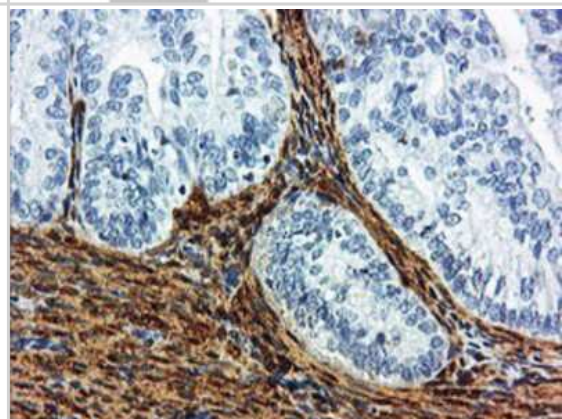
Immunohistochemistry-Paraffin: Transgelin/TAGLN/SM22 alpha Antibody (8C8) [NBP2-00894] - Staining of paraffin-embedded human breast cancer tissue using anti-TAGLN mouse monoclonal antibody. (Heat-induced epitope retrieval, Data courtesy of a collaborative pathologist.



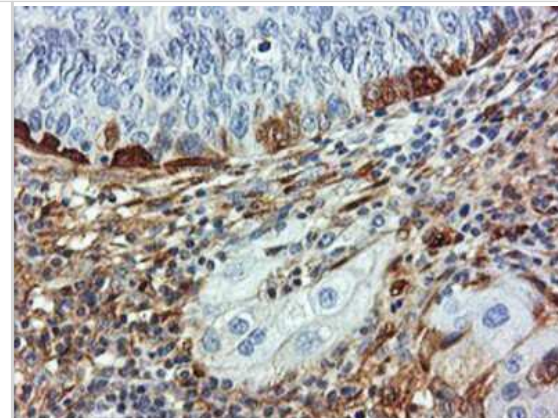
Western Blot: SM22 alpha Antibody (8C8) [NBP2-00894] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SM22 alpha (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SM22 alpha.



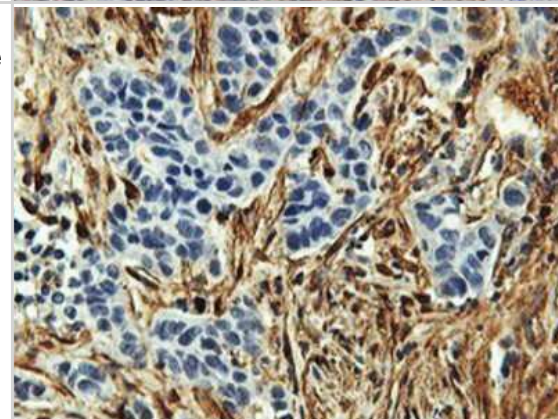
Immunohistochemistry-Paraffin: SM22 alpha Antibody (8C8) [NBP2-00894] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SM22 alpha mouse monoclonal antibody.



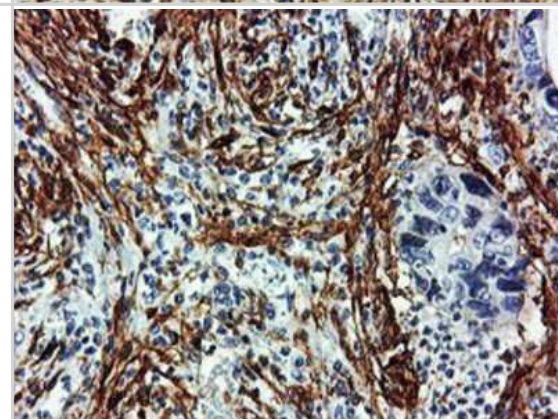
Immunohistochemistry-Paraffin: SM22 alpha Antibody (8C8) [NBP2-00894] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-SM22 alpha mouse monoclonal antibody.



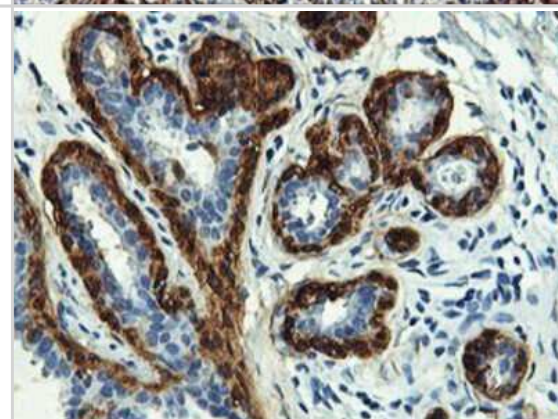
Immunohistochemistry-Paraffin: SM22 alpha Antibody (8C8) [NBP2-00894] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-SM22 alpha mouse monoclonal antibody.



Immunohistochemistry-Paraffin: SM22 alpha Antibody (8C8) [NBP2-00894] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-SM22 alpha mouse monoclonal antibody.



Immunohistochemistry-Paraffin: SM22 alpha Antibody (8C8) [NBP2-00894] - Staining of paraffin-embedded Human breast tissue using anti-SM22 alpha mouse monoclonal antibody.

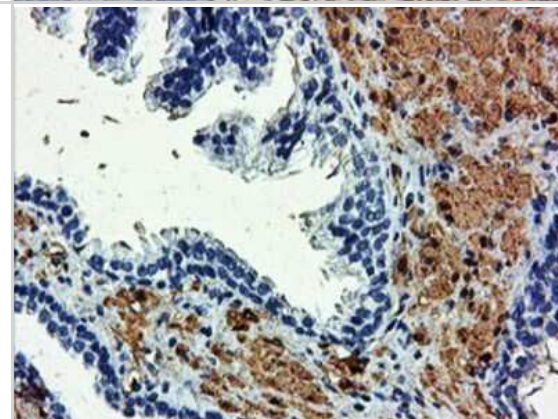




Immunohistochemistry-Paraffin: SM22 alpha Antibody (8C8) [NBP2-00894] - Staining of paraffin-embedded Human endometrium tissue using anti-SM22 alpha mouse monoclonal antibody.



Immunohistochemistry-Paraffin: SM22 alpha Antibody (8C8) [NBP2-00894] - Staining of paraffin-embedded Human prostate tissue using anti-SM22 alpha mouse monoclonal antibody.





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### **Products Related to NBP2-00894**

|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]              |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]   |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                          |
| NBP1-45267-0.1mg | Recombinant Human Transgelin/TAGLN/SM22 alpha His Protein |

### **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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