Product Datasheet

Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free

NBP2-74584

Unit Size: 100 ug

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

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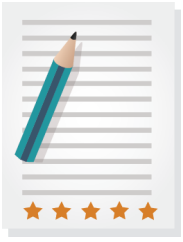
Updated 9/9/2025 v.20.1



NBP2-74584

Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI8C8
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	22.4 kDa

Product Description

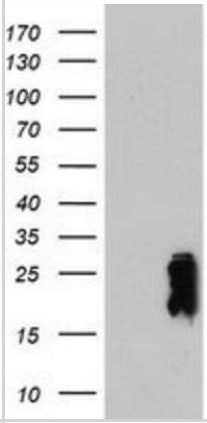
Description	Novus Biologicals Mouse Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free (NBP2-00894) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6876
Gene Symbol	TAGLN
Species	Human, Mouse, Rat
Reactivity Notes	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.
Immunogen	Full length human reocombinant protein of human TAGLN(NP_003177) produced in HEK293T cell.

Product Application Details

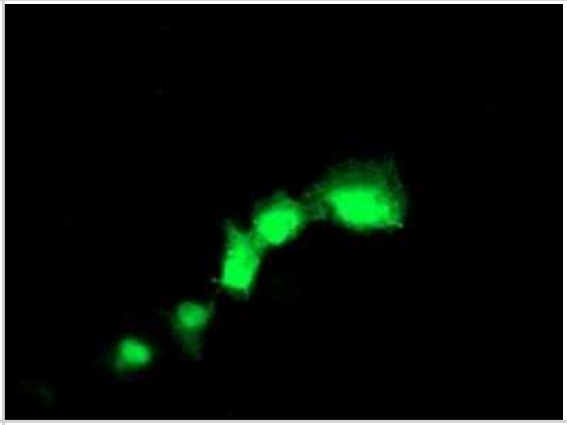
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin

Images

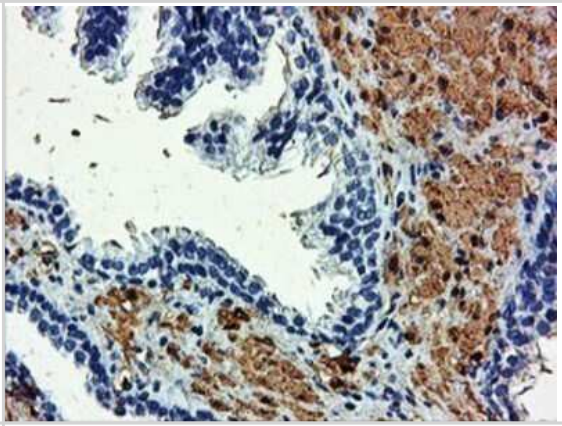
Western Blot: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SM22 alpha (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SM22 alpha.



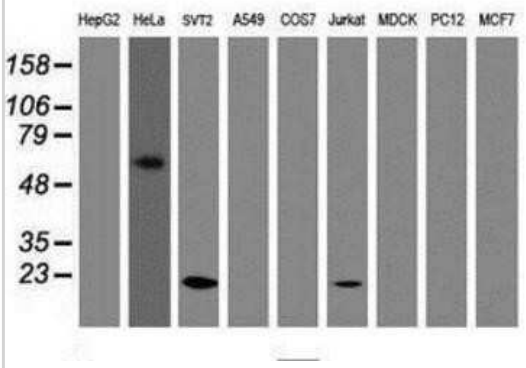
Immunocytochemistry/Immunofluorescence: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY

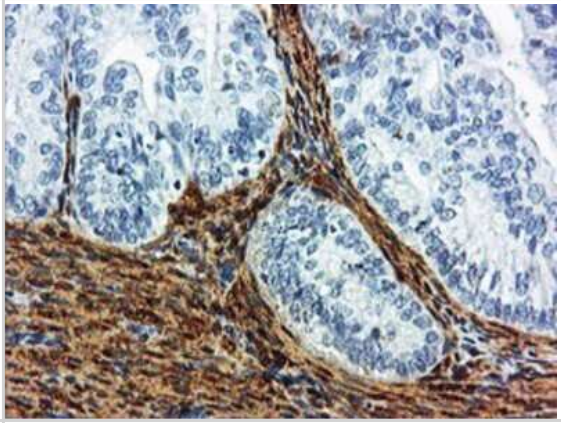
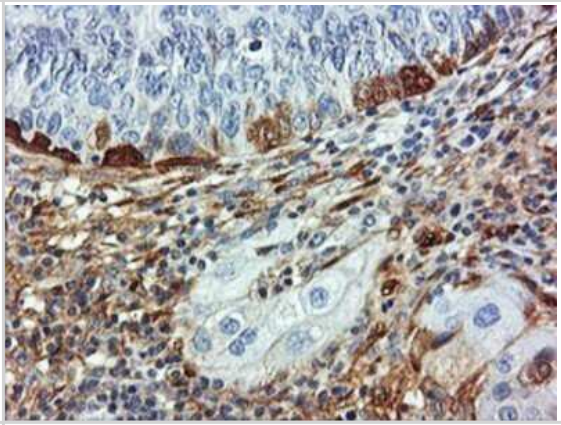
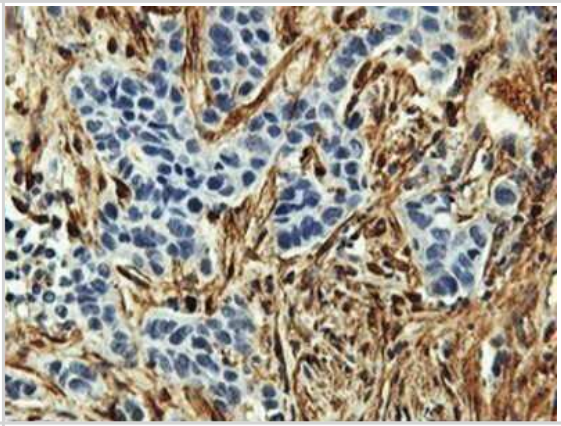
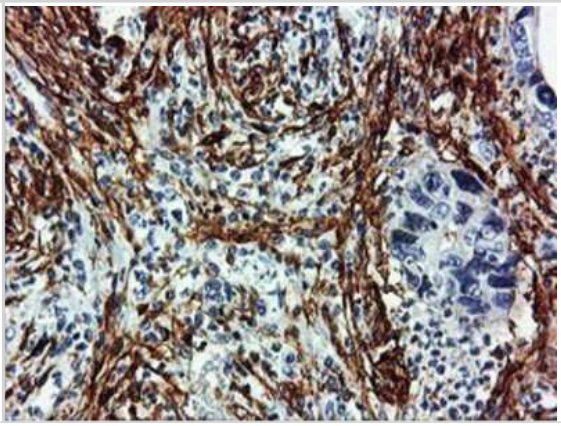


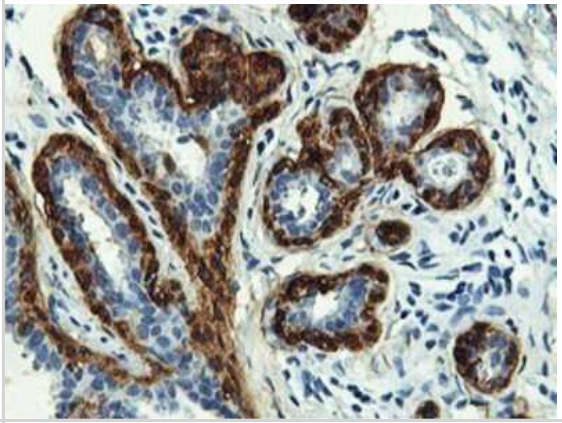
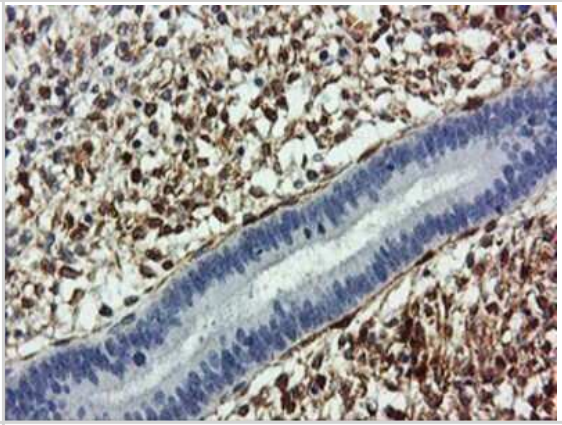
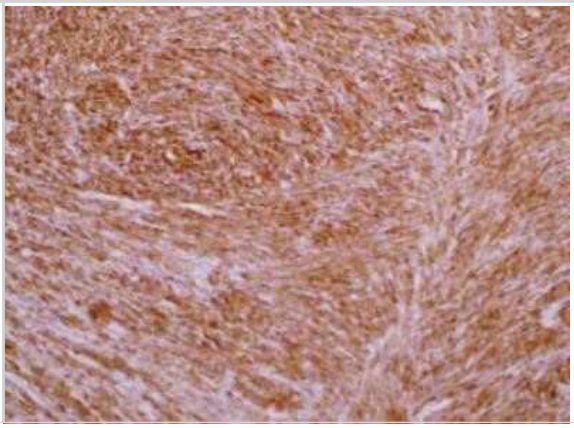
Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of paraffin-embedded Human prostate tissue using anti-SM22 alpha mouse monoclonal antibody.



Western Blot: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Analysis of extracts (35ug) from 9 different cell lines by using anti-SM22 alpha monoclonal antibody.



Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SM22 alpha mouse monoclonal antibody.	
Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-SM22 alpha mouse monoclonal antibody.	
Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-SM22 alpha mouse monoclonal antibody.	
Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-SM22 alpha mouse monoclonal antibody.	

Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of paraffin-embedded Human breast tissue using anti-SM22 alpha mouse monoclonal antibody.	
Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of paraffin-embedded Human endometrium tissue using anti-SM22 alpha mouse monoclonal antibody.	
Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (OTI8C8) - Azide and BSA Free [NBP2-74584] - Staining of paraffin-embedded human breast cancer tissue using anti-TAGLN mouse monoclonal antibody. (Heat-induced epitope retrieval, Data courtesy of a collaborative pathologist.	

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Products Related to NBP2-74584

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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