

# Product Datasheet

## Transgelin/TAGLN/SM22 alpha Antibody (JE60-72) NBP3-32992

Unit Size: 100 ul

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

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**NBP3-32992**

Transgelin/TAGLN/SM22 alpha Antibody (JE60-72)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE60-72
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	23 kDa

Product Description	
Description	Novus Biologicals Rabbit Transgelin/TAGLN/SM22 alpha Antibody (JE60-72) (NBP3-32992) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6876
Gene Symbol	TAGLN
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Transgelin/TAGLN/SM22 alpha aa 126-175 / 201. (Uniprot: Q01995)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



## Images

**Western Blot: Transgelin/TAGLN/SM22 alpha Antibody (JE60-72) [NBP3-32992]** - Western blot analysis of Transgelin/TAGLN/SM22 alpha on Caco-2 cell lysates with Rabbit anti-Transgelin/TAGLN/SM22 alpha antibody (NBP3-32992) at 1/2,000 dilution.

Lysates/proteins at 20 ug/Lane.

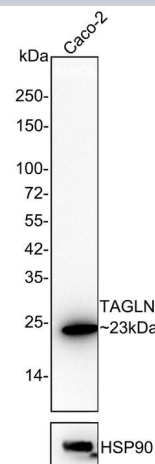
Predicted band size: 23 kDa

Observed band size: 23 kDa

Exposure time: 1 minutes 34 seconds;

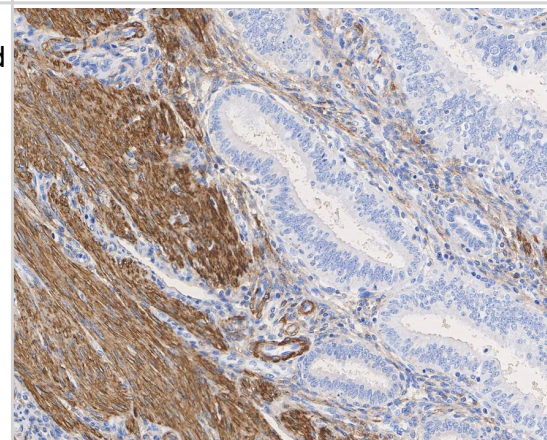
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32992) at 1/2,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



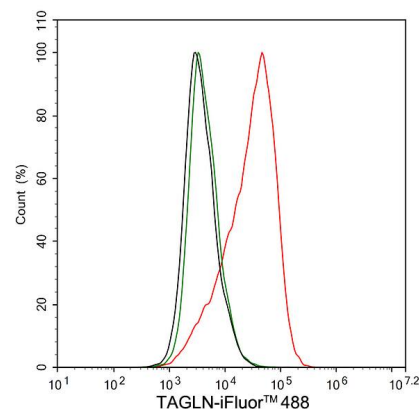
**Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (JE60-72) [NBP3-32992]** - Immunohistochemical analysis of paraffin-embedded human endometrium tissue with Rabbit anti-Transgelin/TAGLN/SM22 alpha antibody (NBP3-32992) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32992) at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



**Flow Cytometry: Transgelin/TAGLN/SM22 alpha Antibody (JE60-72) [NBP3-32992]** - Flow cytometric analysis of Caco-2 cells labeling Transgelin/TAGLN/SM22 alpha.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32992, 1 µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32992**

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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
NBP1-45267-0.1mg	Recombinant Human Transgelin/TAGLN/SM22 alpha His 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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