

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.

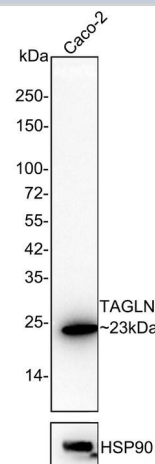
Predicted band size: 23 kDa

Observed band size: 23 kDa

Exposure time: 1 minutes 34 seconds;

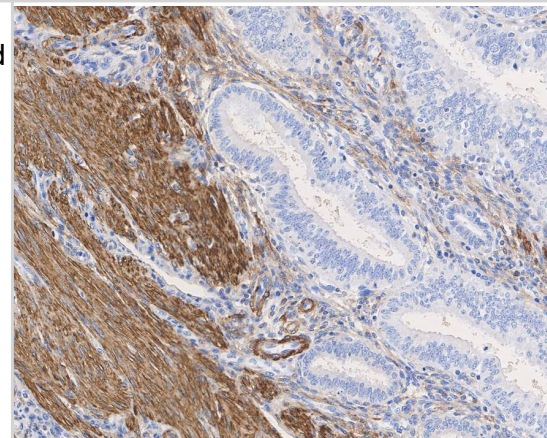
4-20% SDS-PAGE gel.

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.



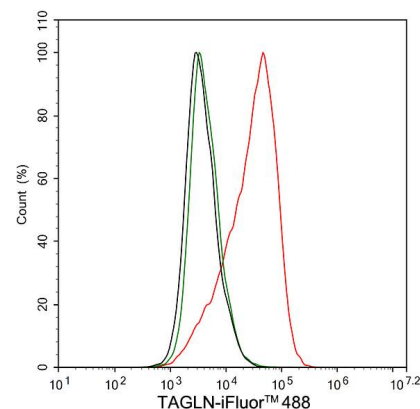
Immunohistochemistry: Transgelin/TAGLN/SM22 alpha Antibody (JE60-72) [NBP3-32992] - Immunohistochemical analysis of paraffin-embedded human endometrium tissue with Rabbit anti-Transgelin/TAGLN/SM22 alpha antibody (NBP3-32992) at 1/200 dilution.

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 ddH₂O 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

| | |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

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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