

## TAGLN Antibody / Transgelin / SM22 alpha (F54870)

| Catalog No.   | Formulation                                | Size    |
|---------------|--|---------|
| F54870-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F54870-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

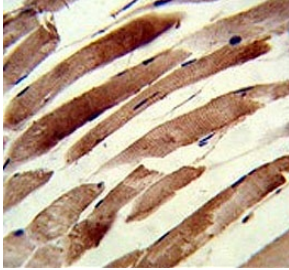
|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Purified   |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)   |
| <b>Isotype</b>            | Rabbit Ig  |
| <b>Purity</b>             | Purified   |
| <b>UniProt</b>            | Q01995   |
| <b>Localization</b>       | Cytoplasmic  |
| <b>Applications</b>       | Flow Cytometry : 1:10-1:50 (1x10e6 cells)<br>Western Blot : 1:500-1:1000<br>Immunohistochemistry (FFPE) : 1:50-1:100 |
| <b>Limitations</b>        | This TAGLN antibody is available for research use only.  |

kDa  
100  
75  
50  
37  
25  
20  
15  
10

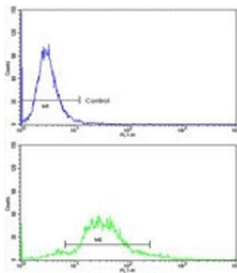
Western blot testing of human SK-BR-3 cell lysate with TAGLN antibody. Predicted molecular weight ~22 kDa.



Western blot testing of human uterus tissue lysate with TAGLN antibody. Predicted molecular weight ~22 kDa.



IHC testing of FFPE human skeletal muscle tissue with TAGLN antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human MDA-MB-468 cells with TAGLN antibody; Blue=isotype control, Green= TAGLN antibody.

## Description

TAGLN is a transformation and shape-change sensitive actin cross-linking/gelling protein found in fibroblasts and smooth muscle. Its expression is down-regulated in many cell lines, and this down-regulation may be an early and sensitive marker for the onset of transformation. A functional role of this protein is unclear.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the TAGLN antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 24-51 from the human protein was used as the immunogen for the TAGLN antibody.

## Storage

Aliquot the TAGLN antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

