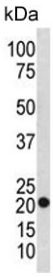
TAGLN Antibody / Transgelin / SM22 alpha (F54870)

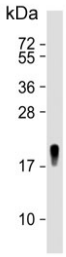
Catalog No.	Formulation	Size
F54870-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54870-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

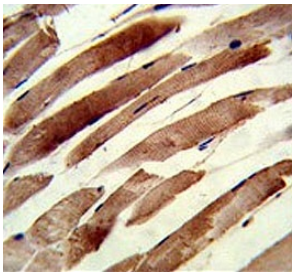
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q01995
Localization	Cytoplasmic
Applications	Flow cytometry: 1:10-1:50 (1x10e6 cells) Western blot: 1:500-1:1000 Immunohistochemistry (FFPE):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



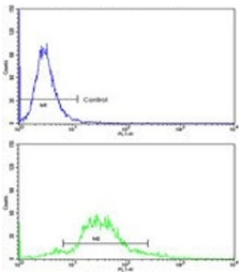
Western blot testing of human SK-BR-3 cell lysate with TAGLN antibody. Predicted molecular weight ~22 kDa.



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.

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