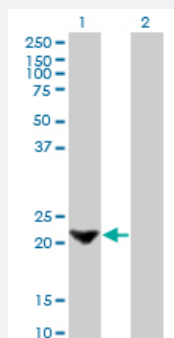


TAGLN monoclonal antibody (M01), clone 1E2

Catalog # H00006876-M01

Size 100 ug

Applications

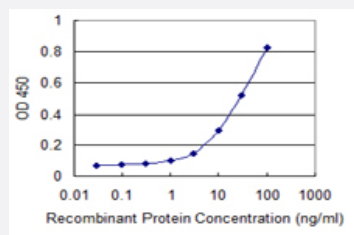


Western Blot (Transfected lysate)

Western Blot analysis of TAGLN expression in transfected 293T cell line by TAGLN monoclonal antibody (M01), clone 1E2.

Lane 1: TAGLN transfected lysate (22.6 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TAGLN is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (47.85 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant TAGLN.

Immunogen	TAGLN (AAH04927, 1 a.a. ~ 201 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MANKGPSYGMSREVQSKIEKKYDEELEERLVEWIVQCGPDVGRPDRGRLGFQVWLKNGVILSKLVNSLYPDGSKPVKVPENPPSMVFKQMEQVAQFLKAAEDYGVIKTDMFQTVDLFEGKDMAAVQRTLMAVGSLAVTKNDGHYRGDPNWFMKKAQEHKREFTESQLQEGKHVIGLQMGSNRGASQAGMTGYGRPRQIIS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.85 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TAGLN expression in transfected 293T cell line by TAGLN monoclonal antibody (M01), clone 1E2.

Lane 1: TAGLN transfected lysate(22.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TAGLN is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TAGLN

Entrez GeneID

[6876](#)

GeneBank Accession#	BC004927
Protein Accession#	AAH04927
Gene Name	TAGLN
Gene Alias	DKFZp686P11128, SM22, SMCC, TAGLN1, WS3-10
Gene Description	transgelin
Omim ID	600818
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	SM22-alpha transgelin variant 2

Publication Reference

- [Cross-Reacting Antibacterial Auto-Antibodies Are Produced within Coronary Atherosclerotic Plaques of Acute Coronary Syndrome Patients.](#)

Canducci F, Saita D, Foglieni C, Piscopiello MR, Chiesa R, Colombo A, Cianflone D, Maseri A, Clementi M, Burioni R.
PLoS One 2012 Aug; 7(8):e42283.

Application: ELISA, WB-Re, Recombinant protein

Disease

- [Cardiovascular Diseases](#)
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- [Edema](#)
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- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)