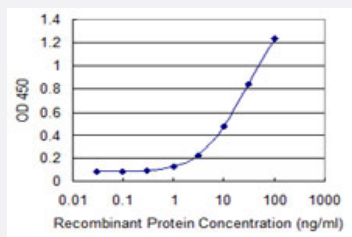


TAGLN monoclonal antibody (M03), clone 1C4

Catalog # H00006876-M03

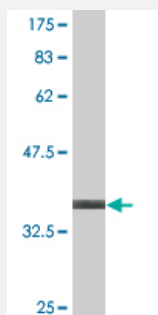
Size 100 ug

Applications



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 (36.08 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TAGLN.
Immunogen	TAGLN (NP_001001522, 19 a.a. ~ 112 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EKKYDEELEERLVEWIVQCGPDVGRPDGRGLGFQVWLKNGVILSKLVNSLYPDGSKPVKVPEN PPSMVFKQMEQVAQFLKAAEDYGVIKTDMF
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.08 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 (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#

[NM_001001522](#)

Protein Accession#

[NP_001001522](#)

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](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)