

## Datasheet

### **TAGLN monoclonal antibody (M04), clone 3A3**

**Catalog Number:** H00006876-M04

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full-length recombinant TAGLN.

**Clone Name:** 3A3

**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:**

MANKGPSYGMRSREVQSKIEKKYDEELEERLVEWIIQ  
CGPDVGRPDGRGLGFQVWLKNGVILSKLVNSLYPDG  
SKPVKVPENPPSMVFKQMEQVAQFLKAAEDYGVIKTD  
MFQTVDLFEGKDMAAVQRTLALGSLAVTKNDGHYR  
GDPNWFMMKKAQEHKREFTESQLQEGKHVIGLQMGSN  
RGASQAGMTGYGRPRQIIS

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6876

**Gene Symbol:** TAGLN

**Gene Alias:** DKFZp686P11128, SM22, SMCC, TAGLN1, WS3-10

**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]

**References:**

1. 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;7(8):e42283. Epub 2012 Aug 6.