

Mouse TAGLN Monoclonal Antibody | anti-TAGLN antibody

TAGLN antibody

CATALOG # AAA107498	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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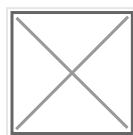
PRODUCT SYNONYMS

TAGLN; Monoclonal Antibody; TAGLN antibody; Monoclonal TAGLN; Anti-TAGLN; Transgelin; SM22; WS3-10; SMCC; DKFZp686P11128; TAGLN1; Smooth muscle protein 22-alpha; Transgelin variant 2; anti-TAGLN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8C8
Purity/Purification	TAGLN antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-TAGLN antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	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.
Cross-Reactivity	Human, Mouse
Immunogen	TAGLN antibody was raised in mouse using a full length human recombinant protein of human TAGLN (NP_003177) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of TAGLN protein in paraffin embedded Carcinoma of Human lung tissue using TAGLN antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TAGLN protein (Right) or empty vector (Left) detected with TAGLN antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TAGLN antibody	Mouse monoclonal TAGLN antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48255905
NCBI GeneID	6876
NCBI Accession #	NP_003177
NCBI GenBank Nucleotide #	NM_003186.3
UniProt Accession #	Q01995; O15542
Molecular Weight	22,611 Da
NCBI Official Full Name	transgelin
NCBI Official Synonym Full Names	transgelin
NCBI Official Symbol	TAGLN
NCBI Official Synonym Symbols	SM22; SMCC; TAGLN1; WS3-10
NCBI Protein Information	transgelin
UniProt Protein Name	Transgelin
UniProt Gene Name	TAGLN
UniProt Synonym Gene Names	SM22; WS3-10; SM22-alpha
UniProt Entry Name	TAGL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.