

Rabbit anti-Human TAGLN Monoclonal Antibody | anti-TAGLN antibody

Anti-TAGLN [SAIC-33B-129]

CATALOG # AAA72078	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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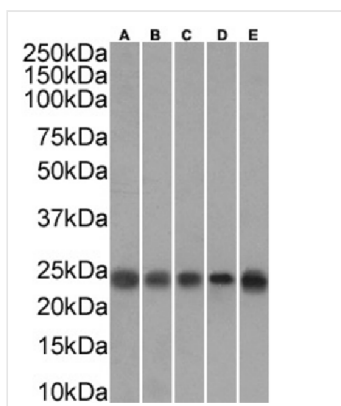
PRODUCT SYNONYMS

TAGLN; Monoclonal Antibody; Anti-TAGLN [SAIC-33B-129]; Transgelin; SM22; WS3-10; anti-TAGLN antibody

PRODUCT SPECIFICATIONS

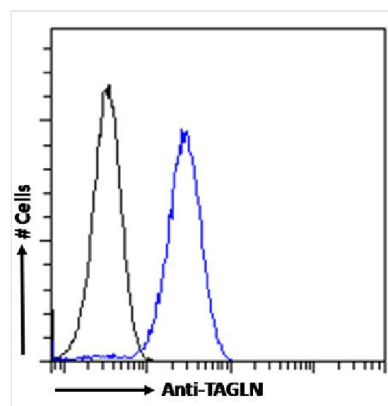
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	SAIC-33B-129
Specificity	Recognizes human TAGLN.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TAGLN antibody	WB (Western Blot), ELISA
PMID	25512614
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot using anti-TAGLN antibody SAIC-33B-129 (AAA72078). HeLa(A), Caco-2(B), U2OS(C) cell lysate and human placenta(D), muscle(E) tissue lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-33B-129 () at 0.0003ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



FCM/FACS (Flow Cytometry)

Flow cytometry using the antibody SAIC-33B-129 (AAA72078). Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody or the rabbit IgG version of SAIC-33B-129 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for anti-TAGLN antibody	Recombinant monoclonal antibody to TAGLN. Recombinant Platform with variable regions (i.e. specificity) from the B-cell cDNA library SAIC-33B-129. Peptide "AAEDYGVIK", derived from the actin cross-linking protein Transgelin, conjugated to KLH.
Product Categories/Family for anti-TAGLN antibody	immunoMRM
References	Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics Note on publication: Describes generation a panel of recombinant antibodies using synthetic peptides of human proteins as well as validation using ELISA and multiple reaction monitoring-mass spectrometry.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255907
NCBI GeneID	6876
NCBI Accession #	NP_001001522.1
NCBI GenBank Nucleotide #	NM_001001522.1
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; SM22-alpha; transgelin variant 2; 22 kDa actin-binding protein; smooth muscle protein 22-alpha
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.