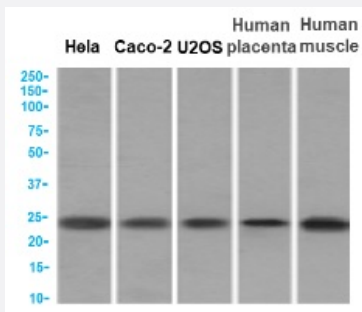


RecomAb™

TAGLN recombinant monoclonal antibody, clone SAIC-33B-129

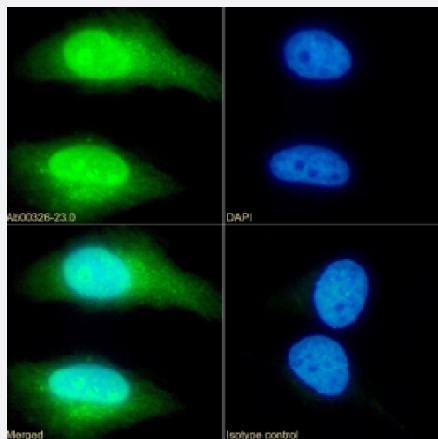
Catalog # RAB03875 Size 200 ug

Applications



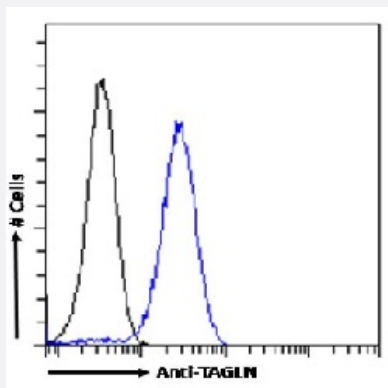
Western Blot

Western blot analysis of HeLa, Caco-2, U2OS cell lysate and human placenta, muscle tissue lysate using anti-TAGLN recombinant monoclonal antibody, clone SAIC-33B-129 (Cat # RAB03875).



Immunofluorescence

Immunofluorescence analysis of TAGLN (green) in HeLa cells using human anti-TAGLN recombinant monoclonal antibody, clone SAIC-33B-129 (Cat # RAB03875), and DAPI (blue).



Flow Cytometry

Flow-cytometry analysis of TAGLN in HeLa cells using human anti-TAGLN recombinant monoclonal antibody, clone SAIC-33B-129 (Cat # RAB03875).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide corresponding to peptide "AAEDYGVIK", derived from the actin cross-linking protein Transgelin, conjugated to KLH.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to ppeptide "AAEDYGVIK", derived from the actin cross-linking protein Transgelin, conjugated to KLH.
Sequence	AAEDYGVIK
Reactivity	Human
Form	Liquid
Conjugation	Unconjugated
Concentration	batch dependent
Isotype	IgG
Recommend Usage	ELISA Flow cytometry Immunofluorescence Immuno-MRM Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for 3 months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	For research use only.

Applications

- Western Blot

Western blot analysis of HeLa, Caco-2, U2OS cell lysate and human placenta, muscle tissue lysate using anti-TAGLN recombinant monoclonal antibody, clone SAIC-33B-129 (Cat # RAB03875).

- Immunofluorescence

Immunofluorescence analysis of TAGLN (green) in HeLa cells using human anti-TAGLN recombinant monoclonal antibody, clone SAIC-33B-129 (Cat # RAB03875), and DAPI(blue).

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow-cytometry analysis of TAGLN in HeLa cells using human anti-TAGLN recombinant monoclonal antibody, clone SAIC-33B-129 (Cat # RAB03875).

- Immuno-MRM (multiple reaction monitoring)

Gene Info — TAGLN

Entrez GeneID [6876](#)

Protein Accession# [Q01995](#)

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

Disease

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