

Rabbit Fibulin 5 Polyclonal Antibody | anti-FBLN5 antibody

Fibulin 5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29940	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

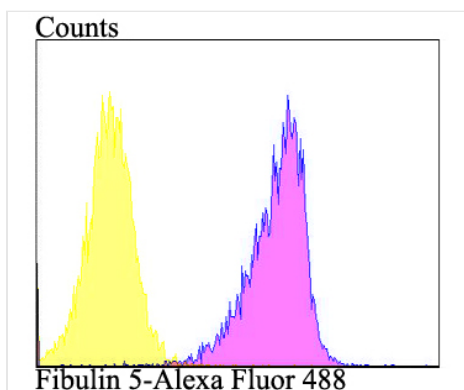
PRODUCT SYNONYMS

Fibulin 5; Polyclonal Antibody; Fibulin 5 Antibody; ADCL2 antibody; ARCL1A antibody; ARMD3 antibody; Dance antibody; Developmental arteries and neural crest EGF like protein antibody; Developmental arteries and neural crest EGF-like protein antibody; EVEC antibody; Fbln5 antibody; FBLN5_HUMAN antibody; FIBL 5 antibody; FIBL-5 antibody; Fibulin-5 antibody; FLJ90059 antibody; UP50 antibody; Urine p50 protein antibody; anti-FBLN5 antibody

PRODUCT SPECIFICATIONS

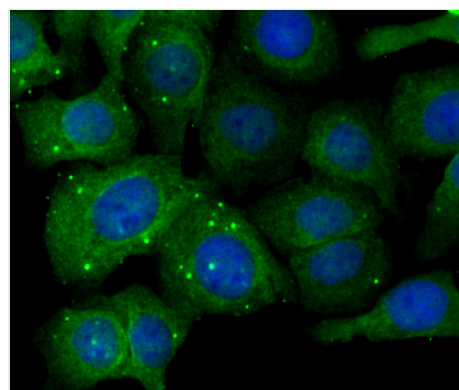
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Protein affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FBLN5 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 ICC: 1:200 FC/FACS: 1:50-1:100
Immunogen	Recombinant protein within human Fibulin 5 210-360 aa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



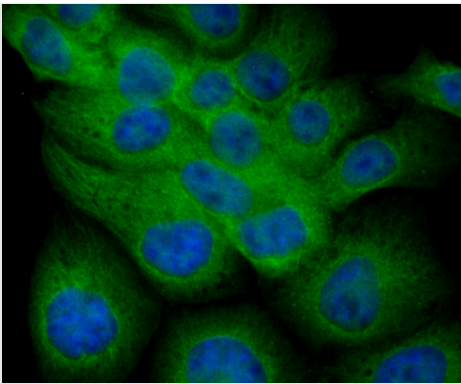
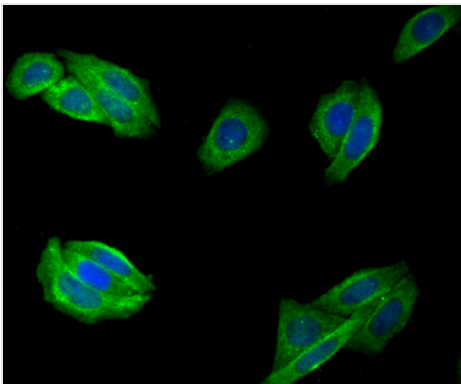
FCM (Flow Cytometry)

Flow cytometric analysis of SiHa cells with Fibulin 5 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



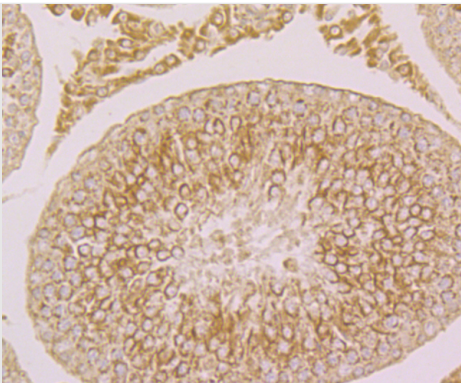
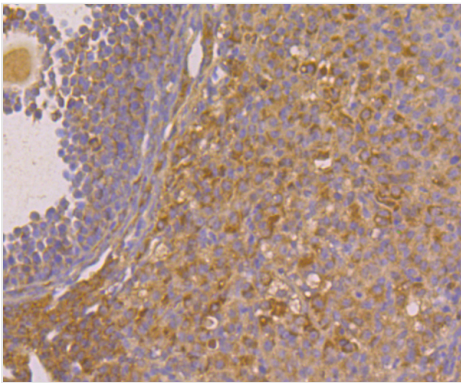
ICC (Immunocytochemistry)

ICC staining Fibulin 5 in SKOV-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)
 ICC staining Fibulin 5 in SiHa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ICC (Immunocytochemistry)
 ICC staining Fibulin 5 in JAR cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
 Immunohistochemical analysis of paraffin-embedded mouse ovary tissue using anti-Fibulin 5 antibody. Counter stained with hematoxylin.

IHC (Immunohistochemistry)
 Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-Fibulin 5 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-FBLN5 antibody	Fibulin proteins contribute to normal development of elastic fiber systems in various types of organs that require elasticity, such as vasculature, lung and skin. Fibulin-5 (EVEC, UP50, DANCE) is an integrin-binding extracellular matrix protein that mediates endothelial cell adhesion. Fibulin-5 is also a calcium-dependent elastin-binding protein that scaffolds cells to elastic fibers, thereby preventing elastinopathy in the skin, lung, and vasculature. The Arg-Gly-Asp (RGD) motif in Fibulin-5 interacts with cell surface integrins avb3, avb5 and a9b1, serves as an anchorage for elastic fibers to cells, and promotes organization of elastic fibers. The human Fibulin-5 gene maps to chromosome 14q32.12 and encodes a 488 amino acid protein.
Product Categories/Family for anti-FBLN5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19743803
NCBI GeneID	10516
NCBI Accession #	NP_006320.2
NCBI GenBank Nucleotide #	NM_006329.3
UniProt Accession #	Q9UBX5; O75966; Q6IAL4; Q6UWA3
Molecular Weight	50,180 Da
NCBI Official Full Name	fibulin-5
NCBI Official Synonym Full Names	fibulin 5

NCBI Official Symbol	FBLN5
NCBI Official Synonym Symbols	EVEC; UP50; ADCL2; ARMD3; DANCE; ARCL1A; FIBL-5
NCBI Protein Information	fibulin-5; urine p50 protein; developmental arteries and neural crest EGF-like protein
UniProt Protein Name	Fibulin-5
UniProt Gene Name	FBLN5
UniProt Synonym Gene Names	DANCE; FIBL-5; Dance; UP50
UniProt Entry Name	FBLN5_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fibulin-5-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29940>