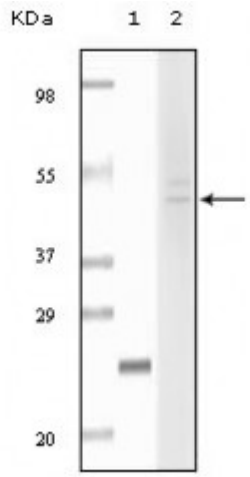
Anti-Fibulin-5 antibody



Description	Mouse monoclonal to Fibulin-5.

Model	STJ98074
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Purified recombinant fragment of Fibulin-5 expressed in E. Coli.
Gene ID	10516
Gene Symbol	FBLN5
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000ELISA 1:10000
Specificity	Fibulin-5 Monoclonal Antibody detects endogenous levels of Fibulin-5 protein.
Tissue Specificity	Expressed in skin fibroblasts (at protein level). Expressed predominantly in heart, ovary, and colon but also in kidney, pancreas, testis, lung and placenta. Not detectable in brain, liver, thymus, prostate, or peripheral blood leukocytes .
Purification	Affinity purification
Clone ID	3F10A5 / 3F8A12
Note	For Research Use Only (RUO).
Protein Name	Fibulin-5 FIBL-5 Developmental arteries and neural crest EGF-like protein Dance Urine p50 protein UP50

Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3602OMIM:219100
Alternative Names	Fibulin-5 FIBL-5 Developmental arteries and neural crest EGF-like protein Dance Urine p50 protein UP50
Function	Essential for elastic fiber formation, is involved in the assembly of continuous elastin (ELN) polymer and promotes the interaction of microfibrils and ELN . Stabilizes and organizes elastic fibers in the skin, lung and vasculature . Promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. Vascular ligand for integrin receptors which may play a role in vascular development and remodeling . May act as an adapter that mediates the interaction between FBN1 and ELN .
Cellular Localization	Secreted Secreted, extracellular space, extracellular matrix. co-localizes with ELN in elastic fibers.
Post-translational Modifications	N-glycosylated.