



FBLN5 Mouse Monoclonal Antibody

E10-20197

Background: FBLN5: fibulin 5. The protein is a secreted, extracellular matrix protein containing an Arg-Gly-Asp (RGD) motif and calcium-binding EGF-like domains. It promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. It is prominently expressed in developing arteries but less so in adult vessels. However, its expression is reinduced in balloon-injured vessels and atherosclerotic lesions, notably in intimal vascular smooth muscle cells and endothelial cells. Therefore, the protein encoded by this gene may play a role in vascular development and remodeling.

Catalog Number: E10-20197

Amount: 100µg/100µl

Clone Number: 1G6A4

Species: Mouse IgG1

Aliases: EVEC; UP50; ARMD3; DANCE

Entrez Gene: 10516

Immunogen: Purified recombinant fragment of FBLN5 (aa242-448) expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at -20 °C for short term storage.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: Propose dilution 1/10000.

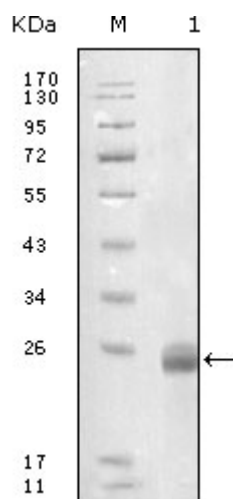


Figure 1: Western blot analysis using FBLN5 mouse mAb against truncated FBLN5-His recombinant protein.

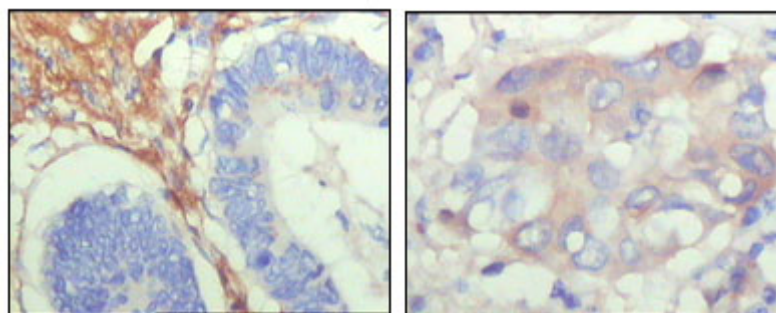


Figure 2: Immunohistochemical analysis of paraffin-embedded human colon cancer (left) and breast cancer (right) showing cytoplasmic localization with DAB staining using FBLN5 mouse mAb.

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