Fibulin 5 (3F10) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 252660
Unit: 0.1 ml

Description:
FBLN5 (Fibulin 5) is a 448-amino acid multifunctional extracellular matrix protein (~50kDa). It mediates endothelial cell adhesion through integrin ligation, regulates cell growth and motility in a context-specific manner and prevents elastinopathy in vivo. Fibulin-5 is abundantly expressed in great vessels and cardiac valves during embryogenesis, and in many adult tissues including the aorta, lung, uterus and skin, all of which contain abundant elastic fibres. Decreased fibulin-5 may contribute to the pathogenesis of aortic dissection by impairing elastic fiber assembly. Fibulin-5 is also a good marker of skin ageing and that the earlier loss of fibulin-5 may involve age-dependent changes in other elastic fibre components.

Isotype: Mouse IgG1
Applications: WB, IHC
Species Reactivity: H
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.
Alternate Names: Fibulin-5; FIBL-5; Developmental arteries and neural crest EGF-like protein; Urine p50 protein; UP50; DANCE; FBLN5
Accession No.: Q9UBX5

Antigen: Purified recombinant fragment of Fibulin 5 expressed in E. coli.
Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.