

Fibulin 5 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4654
Host	Mouse
Isotype	Mouse IgM
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of Fibulin 5 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	EVEC;UP50;ARMD3;DANCE

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Fibulin 5 (FBLN5), with 448-amino acid protein (about 50kDa), is a recently discovered multifunctional extracellular matrix protein that 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.

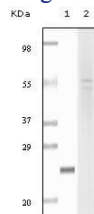
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using fibulin5 mouse mAb against truncated fibulin5 recombinant protein (1) and HeLa cell lysate (2).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.