

## Fibulin 5 Ab

[Images\(1\)](#)

Cat.#: BF0330                      Concn.: ~1mg/ml                      Mol.Wt.: 50kDa.  
Size:                                      Source: Mouse                      Clonality: Monoclonal

Application:                      ELISA 1:10000, WB 1:500-1:2000  
\*The optimal dilutions should be determined by the end user.

Reactivity:                      Human,Mouse

Storage:                      Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:                      Affinity-chromatography.

Immunogen:                      Purified recombinant fragment of human Fibulin 5 expressed in E. Coli.

Uniprot:                      Q9UBX5

Description:                      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.

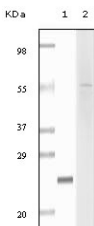


Figure 1: Western blot analysis using fibulin5 mouse mAb against truncated fibulin5 recombinant protein (1) and Hela cell lysates (2).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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