

Mouse Monoclonal Antibody to Fibulin 5

Catalogue Number	sAP-0062
Target Molecule	<p>Name: Fibulin 5</p> <p>Aliases: EVEC; UP50; ARMD3; DANCE</p> <p>MW: N/A</p> <p>Entrez Gene ID: 10516</p>
Description	Fibulin 5(FBLN5), with 448-amino acid protein (about 50kDa), is a recently discovered multifunctional extra-cellular 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.
Immunogen	Purified recombinant fragment of Fibulin 5 expressed in E. Coli.
Recitative Species	Human
Clone	MM3F10A5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Wen Wang , Scott A. LeMaire, Li Chen. Surgery. 2005 Aug;138(2):352-9 ; 2. K. Kadoya, T. Sasaki, G. Kostka. Br J Dermatol. 2005 Sep;153(3):607-123. ; 3. Michael J. Lee, Nakshatra K. Roy, Jon E. Mogford. J Am Coll Surg. 2004 Sep;199(3):403-10. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**