

Mouse Monoclonal Antibody to FBLN5

Catalogue Number	sAP-0164
Target Molecule	Name: FBLN5 Aliases: EVEC; UP50; ARMD3; DANCE MW: N/A Entrez Gene ID: 10516
Description	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.
Immunogen	Purified recombinant fragment of FBLN5 (aa242-448) expressed in E. Coli. ;
Reactive Species	Human
Clone	MM1G6A4;
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 H2O, 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. Am J Hum Genet. 2003 Apr;72(4):998-1004. ; 2. Genome Res. 2003 Oct;13(10):2265-70 ; 3. N Engl J Med. 2004 Jul 22;351(4):346-53. ; 4. Surgery. 2005 Aug;138(2):352-9. ;

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**