

Datasheet for ABIN966143

**anti-Fibulin 5 antibody****3** Publications[Go to Product page](#)

## Overview

Quantity:	0.1 mL
Target:	Fibulin 5 (FBLN5)
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Isotype:	IgG1
Specificity:	Ni-NTA purified truncated recombinant Fibulin 5 expressed in E. Coli strain BL21 (DE3)
Purification:	Crude ascites.

## Target Details

Target:	Fibulin 5 (FBLN5)
Alternative Name:	Fibulin 5 ( <a href="#">FBLN5 Products</a> )
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

## Target Details

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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.

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: Western Blot: 1: 500- 1: 2000  
IHC(P): 1: 500- 1: 2000  
IHC(F): 1: 500- 1: 2000  
ELISA: Propose dilution 1: 10,000.  
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Storage: -20 °C

## Publications

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Product cited in: Flanagan, Corthésy, Bram, Crabtree: "Nuclear association of a T-cell transcription factor blocked by FK-506 and cyclosporin A." in: **Nature**, Vol. 352, Issue 6338, pp. 803-7, (1991) ([PubMed](#)).