

Datasheet for ABIN969145

anti-Fibulin 5 antibody[Go to Product page](#)**1** Image**4** Publications

Overview

Quantity:	100 µL
Target:	Fibulin 5 (FBLN5)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Fibulin 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of Fibulin 5 expressed in E. coli.
Clone:	3F8D5
Isotype:	IgM
Purification:	purified

Target Details

Target:	Fibulin 5 (FBLN5)
Alternative Name:	Fibulin 5 (FBLN5 Products)
Background:	Description: Fibulin 5(FBLN5), with 448-amino acid protein (about 50 kDa), 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

Target Details

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.

Aliases: EVEC, UP50, ARMD3, DANCE

Gene ID: 10516

HGNC: 10516

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

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

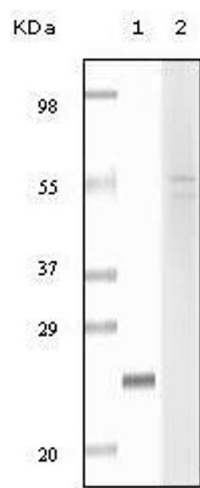
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Jacques, Pereira, Maia, Cuzzi, Ramos-e-Silva: "Expression of cytokeratins 10, 13, 14 and 19 in oral lichen planus." in: **Journal of oral science**, Vol. 51, Issue 3, pp. 355-65, (2009) ([PubMed](#)).



Western Blotting

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