

Datasheet for ABIN969131  
**anti-Fibulin 5 antibody (AA 242-448)**[2 Images](#)[3 Publications](#)[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Fibulin 5 (FBLN5)
Binding Specificity:	AA 242-448
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Purified recombinant fragment of FBLN5 (aa242-448) expressed in E. coli.
Clone:	1G6A4
Isotype:	IgG1
Purification:	purified

## Target Details

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

## Target Details

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.

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, IHC: 1:200 - 1:1000

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.

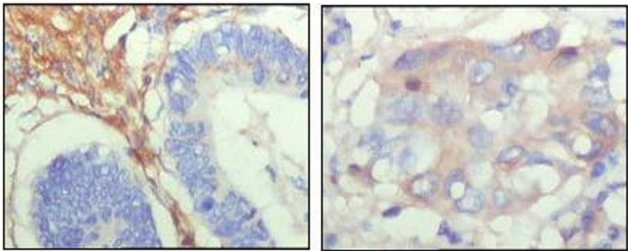
Storage: 4 °C/-20 °C

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

## Publications

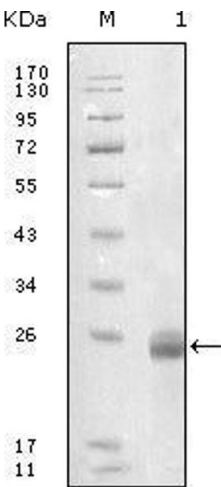
Product cited in: Toka, Dunaway, Smaltz, Szulc-Dąbrowska, Drnevich, Mielcarska, Bossowska-Nowicka, Schweizer: "Bacterial and viral pathogen-associated molecular patterns induce divergent early transcriptomic landscapes in a bovine macrophage cell line." in: **BMC genomics**, Vol. 20, Issue 1, pp. 15, (2019) ([PubMed](#)).

Murakami, Maeda, Yonezawa, Matsuki: "CC chemokine ligand 2 and CXC chemokine ligand 8 as neutrophil chemoattractant factors in canine idiopathic polyarthritis." in: **Veterinary immunology and immunopathology**, Vol. 182, pp. 52-58, (2016) ([PubMed](#)).



Immunohistochemistry

**Image 1.** Immunohistochemical analysis of paraffin-embedded human colon cancer (left) and breast cancer (right) showing cytoplasmic localization with DAB staining using FBLN5 mouse mAb.



Western Blotting

**Image 2.** Western blot analysis using FBLN5 mouse mAb against truncated FBLN5-His recombinant protein.