

Datasheet for ABIN931467

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

Overview

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

Product Details

Immunogen:	FBLN5 antibody was raised in Mouse using a purified recombinant fragment of FBLN5(aa242-448) expressed in E. coli as the immunogen.
Clone:	1G6A4
Isotype:	IgG1

Target Details

Target:	Fibulin 5 (FBLN5)
Alternative Name:	FBLN5 (FBLN5 Products)
Background:	FBLN5 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

Target Details

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. Synonyms: Monoclonal FBLN5 antibody, Anti-FBLN5 antibody, FBLN-5 antibody, FBLN 5 antibody, Fibulin 5 antibody, FIBL-5 antibody, FIBL 5 antibody.

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

Application Details

Application Notes: ELISA: 1:10,000, IHC: 1:200-1:1000, WB: 1:500-1:2000
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Supplied as a liquid in ascitic fluid containing 0.03 % sodium azide.

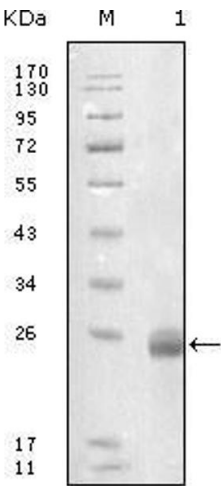
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

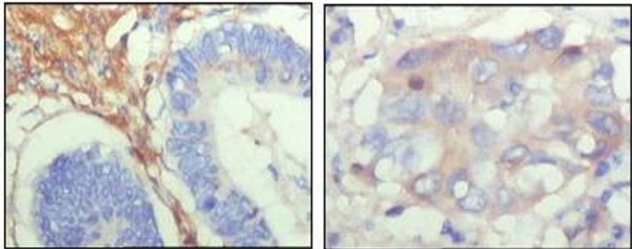
Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Store at -20 °C for long term storage.



Western Blotting

Image 1. Western Blot showing FBLN5 antibody used against truncated FBLN5-His recombinant protein.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human colon cancer (left) and breast cancer (right) showing cytoplasmic localization with DAB staining using FBLN5 antibody.