

For Research Use Only

# Fibulin 5 Monoclonal antibody

Catalog Number: 65018-1-Ig



## Basic Information

Catalog Number:

65018-1-Ig

Size:

1333  $\mu$ g/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC022280

GeneID (NCBI):

10516

UNIPROT ID:

Q9UBX5

Full Name:

fibulin 5

Calculated MW:

448 aa, 50 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : Hela cells,

IHC : Breast cancer tissue,

## Background Information

Fibulin-5, also known as EVEC and DANCE, is a extracellular matrix glycoprotein, secreted by various cell types such as vascular smooth muscle cells, fibroblasts and endothelial cells. Structurally, Fibulin-5 contains 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. FBLN5 mutations have been described in patients with age-related macular degeneration, as well as being involved in Charcot-Marie-Tooth neuropathies.

## Storage

Storage:

Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

---

## Selected Validation Data