

For Research Use Only

# Fibulin 5 Monoclonal antibody

Catalog Number: 65018-1-Ig **1 Publications**



## Basic Information

Catalog Number: 65018-1-Ig	GenBank Accession Number: BC022280	Purification Method: Protein A purification
Concentration: 1333 µg/ml	GeneID (NCBI): 10516	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:20-1:200
Source: Mouse	UNIPROT ID: Q9UBX5	
Isotype: IgG1	Full Name: fibulin 5	
	Calculated MW: 448 aa, 50 kDa	
	Observed MW: 50 kDa	

## Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: IHC, IF	WB : Hela cells,
Species Specificity: human, mouse	IHC : Breast cancer tissue,
Cited Species: human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Fumihiko Katagiri	35480396	JID Innov	IHC,IF

## Storage

Storage:  
Store at 2-8°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

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

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