

For Research Use Only

Fibulin 5 Monoclonal antibody

Catalog Number: 65018-1-Ig



Basic Information

Catalog Number: 65018-1-Ig	GenBank Accession Number: BC022280	Purification Method: Protein A purification
Size: 150ul , 1333 µg/ml	GeneID (NCBI): 10516	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Mouse	Full Name: fibulin 5	
Isotype: IgG1	Calculated MW: 448 aa, 50 kDa	
	Observed MW: 50 kDa	

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:
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Selected Validation Data