

For Research Use Only

Fibromodulin Monoclonal antibody

Catalog Number:60108-2-Ig



Basic Information

Catalog Number: 60108-2-Ig	GenBank Accession Number: BC035281	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2331	CloneNo.: 2B11D3
Source: Mouse	UNIPROT ID: Q06828	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG1	Full Name: fibromodulin	
Immunogen Catalog Number: AG4030	Calculated MW: 376 aa, 43 kDa	
	Observed MW: 50-60kDa, 43 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rabbit heart tissue, human testis tissue, pig heart tissue
Species Specificity: human, pig, rabbit	

Background Information

Fibromodulin (FMOD), an extracellular matrix protein, belongs to the small leucine-rich proteoglycan family. Fibromodulin is a collagen-binding protein present in many types of connective tissues, e.g. cartilage, tendon, skin, sclera and cornea (PMID: 2531085). It is involved in fibrillogenesis, cell adhesion, and cytokine activity modulation (PMID: 15741214). Fibromodulin may participate in the assembly of the extracellular matrix as it interacts with type I and type II collagen fibrils and inhibits fibrillogenesis in vitro. It may also regulate TGF-beta activities by sequestering TGF-beta into the extracellular matrix. The calculated molecular mass of fibromodulin is 43 kDa, extracellular fibromodulin appears as one single band of 59 kDa due to glycosylation (PMID: 2531085; 22138190).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

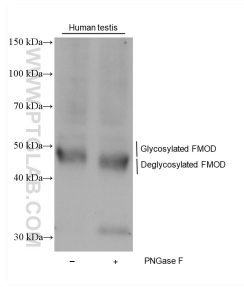
For technical support and original validation data for this product please contact:

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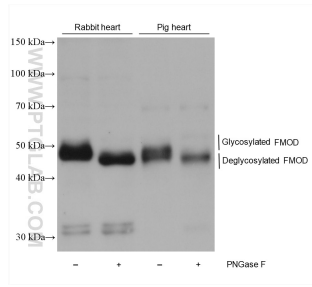
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60108-2-Ig (FMOD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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