

For Research Use Only

Fibromodulin Monoclonal antibody, PBS Only



Catalog Number: 60108-2-PBS

Basic Information

Catalog Number: 60108-2-PBS	GenBank Accession Number: BC035281	Purification Method: Protein G purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2331	CloneNo.: 2B11D3
Source: Mouse	UNIPROT ID: Q06828	
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, Indirect ELISA

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

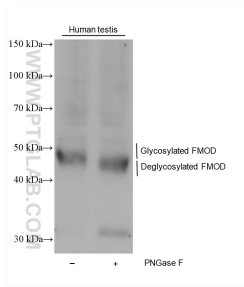
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

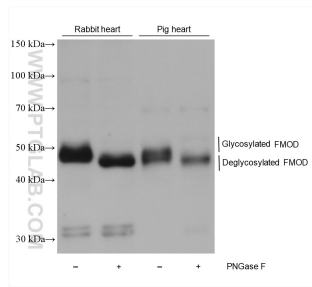
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 60108-2-PBS in a different storage buffer formulation.



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