

For Research Use Only

Decorin Monoclonal antibody, PBS Only



Catalog Number: 66847-1-PBS

Basic Information

Catalog Number:

66847-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6275

GenBank Accession Number:

BC005322

GeneID (NCBI):

1634

UNIPROT ID:

P07585

Full Name:

decorin

Calculated MW:

359 aa, 40 kDa

Observed MW:

40 kDa, 100 kDa

Purification Method:

Protein A purification

CloneNo.:

3A4E4

Applications

Tested Applications:

WB, IF, ELISA

Species Specificity:

Human, Pig

Background Information

Decorin is a member of the small leucine-rich proteoglycan family of proteins. Decorin interacts with type I collagen fibrils, thereby influencing the kinetics of fibril formation and the distance between adjacent collagen fibrils. Binding of this protein to multiple cell surface receptors mediates its role in tumor suppression, including a stimulatory effect on autophagy and inflammation and an inhibitory effect on angiogenesis and tumorigenesis.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

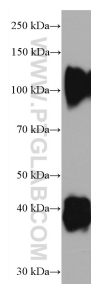
T: 4006900926

E: Proteintech-CN@ptglab.com

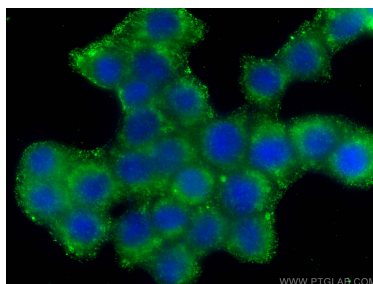
W: ptgcn.com

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Selected Validation Data



pig cartilage tissue were subjected to SDS PAGE followed by western blot with 66847-1-Ig (Decorin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66847-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed BxPC-3 cells using Decorin antibody (66847-1-Ig, Clone: 3A4E4) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66847-1-PBS in a different storage buffer formulation.