

For Research Use Only

CoraLite® Plus 488-conjugated Decorin Monoclonal antibody



Catalog Number: CL488-66847

Basic Information

Catalog Number: CL488-66847	GenBank Accession Number: BC005322	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 1634	CloneNo.: 3A4E4
Source: Mouse	UNIPROT ID: P07585	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: decorin	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6275	Calculated MW: 359 aa, 40 kDa	
	Observed MW: 40 kDa, 100 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : BxPC-3 cells,
Species Specificity: human	

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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

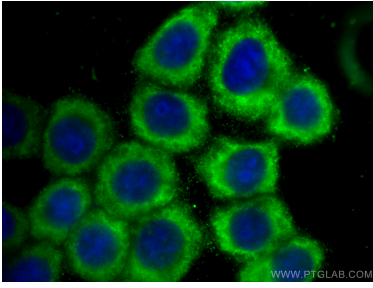
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed BxPC-3 cells using CoraLite® Plus 488 Decorin antibody (CL488-66847, Clone: 3A4E4) at dilution of 1:200.