

For Research Use Only

# CoraLite® Plus 488-conjugated Decorin Monoclonal antibody

Catalog Number: CL488-66847



## Basic Information

Catalog Number:

CL488-66847

Size:

1000 ug/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

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : BxPC-3 cells,

## 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:

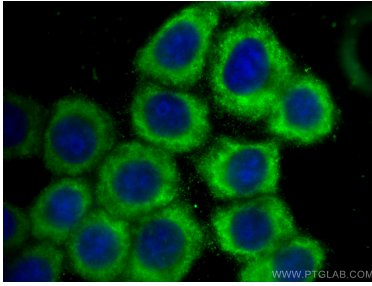
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

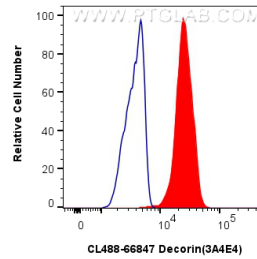
W: [ptgcn.com](http://ptgcn.com)

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## 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.



1x10<sup>6</sup> BxPC-3 cells were intracellularly stained with 0.4 ug Coralite® Plus 488-conjugated Decorin Monoclonal antibody (CL488-66847, Clone:3A4E4) (red), or 0.4 ug Coralite® Plus 488-conjugated Mouse IgG1 isotype control Mouse McAb (CL488-66360, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).