

For Research Use Only

# CoraLite® Plus 488-conjugated PLOD3 Monoclonal antibody



Catalog Number: CL488-60058

Featured Product

## Basic Information

Catalog Number: CL488-60058	GenBank Accession Number: BC011674	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8985	CloneNo.: 2G12B8
Source: Mouse	Full Name: procollagen-lysine, 2-oxoglutarate 5- dioxygenase 3	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 738 aa, 85 kDa	
Immunogen Catalog Number: AG1480	Observed MW: 80-85 kDa	

## Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human	

## Background Information

PLOD3, also named as LH3, forms hydroxylysine residues in -Xaa-Lys-Gly- sequences in collagens. These hydroxylysines serve as sites of attachment for carbohydrate units and are essential for the stability of the intermolecular collagen cross-links. The major function of PLOD3 in osteoblasts is to glucosylate galactosylhydroxylysine residues in type I collagen.

## Storage

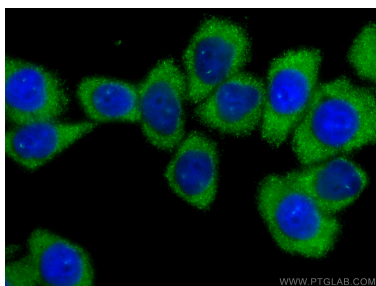
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL488-60058 (PLOD3 antibody) at dilution of 1:50.