

For Research Use Only

# CoraLite®488-conjugated PDIA6 Monoclonal antibody



Catalog Number:CL488-66669

## Basic Information

<b>Catalog Number:</b> CL488-66669	<b>GenBank Accession Number:</b> BC001312	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 2000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10130	<b>CloneNo.:</b> 1G2D4
<b>Source:</b> Mouse	<b>Full Name:</b> protein disulfide isomerase family A, member 6	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 48 kDa, 54 kDa	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Immunogen Catalog Number:</b> AG27608	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Species Specificity:</b> Human, Mouse, Rat	

## Background Information

PDIA6(Protein disulfide-isomerase A6) is also named as ERP5, P5, TXNDC7 and belongs to the protein disulfide isomerase family. It is one of the endoplasmic reticulum (ER) resident proteins that catalyze formation, reduction, and isomerization of disulfide bonds in proteins and are thought to play a role in folding of disulfide-bonded proteins (PMID:7590364). It has 2 isoforms produced by alternative splicing. This antibody is specific to PDIA6.

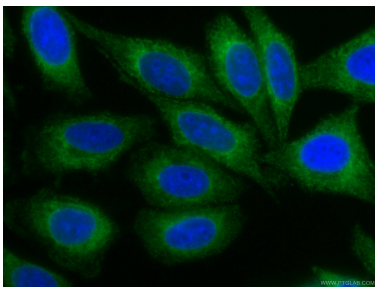
## Storage

**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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL488-66669 (PDIA6 antibody) at dilution of 1:100.