

CoraLite® Plus 488-conjugated PDIA6 Monoclonal antibody

Catalog Number: **CL488-66669**

Basic Information

Catalog Number: CL488-66669	GenBank Accession Number: BC001312	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 10130	CloneNo.: 1G2D4
Source: Mouse	UNIPROT ID: Q15084	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: protein disulfide isomerase family A, member 6	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG27608	Calculated MW: 48 kDa, 54 kDa	
	Observed MW: 54 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: Human, Mouse, Rat	

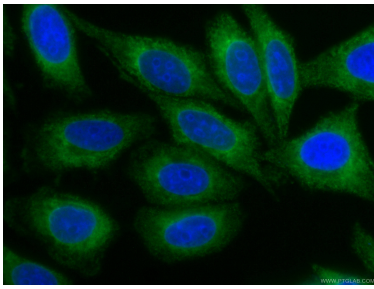
Background Information

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

Selected Validation Data



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