For Research Use Only

CoraLite®594-conjugated ERp72 Monoclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL594-66365

Basic Information

Catalog Number:
CL594-66365

Size:
100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG6873

GenBank Accession Number:
BC000425

GeneID (NCBI):
9601

Full Name:
protein disulfide isomerase family A, member 4

Calculated MW:
73 kDa

Observed MW:
72 kDa

Purification Method:
Protein G purification

CloneNo.:
1D5F3

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF

Species Specificity:
human

Positive Controls:

IF : HepG2 cells, HeLa cells

Background Information

PDIA4 (Protein disulfide-isomerase A4) is also named ERP70, ERP72, and belongs to the protein disulfide isomerase family. It catalyzes the rearrangement of -S-S- bonds in proteins. ERp72 is a soluble protein localized in the ER lumen and contains the COOH-terminal retention signal, KEEL. There are 6 cysteine residues in the amino acid sequences of mouse and human ERp72. All of the cysteine residues occur in the internal thioredoxin motif, CGHC(PMID:15475357). The full-length protein has a signal peptide with 20 amino acids.

Storage

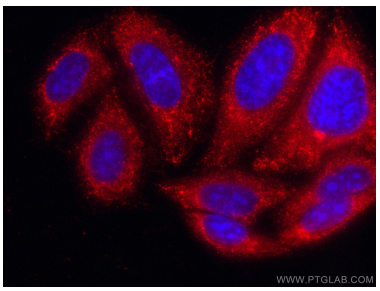
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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
W: ptglab.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 HepG2 cells using CoraLite®594 ERp72 antibody (CL594-66365, Clone: 1D5F3) at dilution of 1:200.