

For Research Use Only

# CoraLite® Plus 488-conjugated ERp72 Polyclonal antibody



Catalog Number: CL488-14712

Featured Product

## Basic Information

Catalog Number:

CL488-14712

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6431

GenBank Accession Number:

BC000425

GeneID (NCBI):

9601

UNIPROT ID:

P13667

Full Name:

protein disulfide isomerase family A, member 4

Calculated MW:

73 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF

Species Specificity:

human, mouse, rat

Positive Controls:

IF : PC-3 cells,

## Background Information

PDIA4 (Protein disulfide-isomerase A4) is also named as 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 acid.

## 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

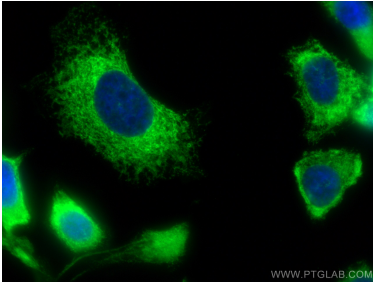
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed PC-3 cells using CoraLite® Plus 488 ERp72 antibody (CL488-14712) at dilution of 1:200.