

For Research Use Only

CoraLite®594-conjugated ERp72 Monoclonal antibody



Catalog Number:CL594-66365

Basic Information

Catalog Number: CL594-66365	GenBank Accession Number: BC000425	Purification Method: Protein G purification
Size: 100UL, Concentration: 2000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9601	CloneNo.: 1D5F3
Source: Mouse	Full Name: protein disulfide isomerase family A, member 4	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 73 kDa	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Immunogen Catalog Number: AG6873	Observed MW: 72 kDa	

Applications

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

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.

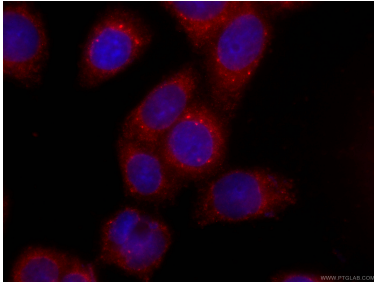
Storage

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

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)
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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 HeLa cells using CL594-66365 (ERp72 antibody) at dilution of 1:100.