

For Research Use Only

CoraLite®594-conjugated Calnexin Polyclonal antibody



Catalog Number: CL594-10427

1 Publications

Basic Information

Catalog Number: CL594-10427	GenBank Accession Number: BC003552	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 821	Recommended Dilutions: IF 1:200-1:800
Source: Rabbit	Full Name: calnexin	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Isotype: IgG	Calculated MW: 90 kDa	
Immunogen Catalog Number: AG0697	Observed MW: 90 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : HepG2 cells,
Cited Applications: IF	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

Calnexin is a molecular chaperone that resides in the endoplasmic reticulum (ER) and participates in the folding and assembly of newly synthesized proteins. Calnexin is highly abundant in ER and is frequently used as an ER marker.

Notable Publications

Author	Pubmed ID	Journal	Application
Chunli Tan	33508878	Mol Oncol	IF

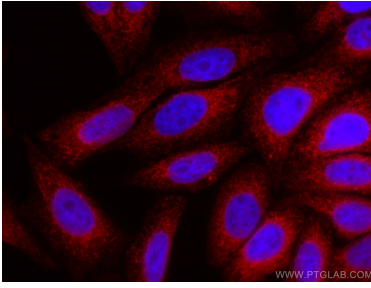
Storage

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

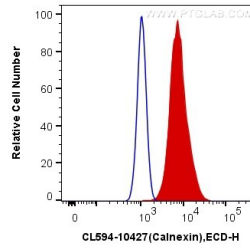
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 Calnexin antibody (CL594-10427) at dilution of 1:400.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Calnexin (CL594-10427) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).