

For Research Use Only

# CoraLite®594-conjugated Calnexin Monoclonal antibody



Catalog Number:CL594-66903

## Basic Information

<b>Catalog Number:</b> CL594-66903	<b>GenBank Accession Number:</b> BC003552	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 821	<b>CloneNo.:</b> 2A2C6
<b>Source:</b> Mouse	<b>Full Name:</b> calnexin	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 90 kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm/614 nm
<b>Immunogen Catalog Number:</b> AG25535	<b>Observed MW:</b> 90 kDa	

## Applications

<b>Tested Applications:</b> IF, WB	<b>Positive Controls:</b> WB : HEK-293 cells, IF : HepG2 cells, SKOV-3 cells
<b>Species Specificity:</b> Human, mouse, rat	

## 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.

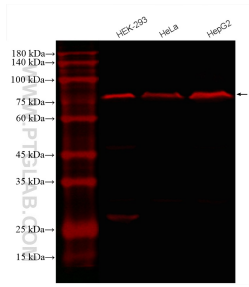
## Storage

**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

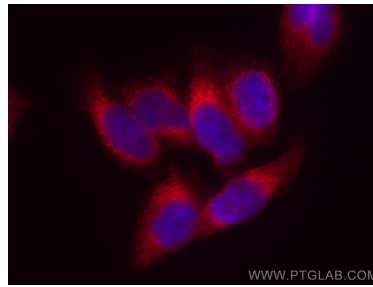
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

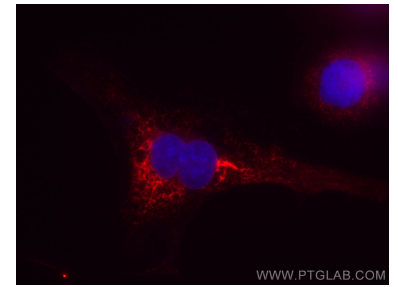
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL594-66903 (Calnexin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 Calnexin antibody (CL594-66903, Clone: 2A2C6) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using CoraLite®594 Calnexin antibody (CL594-66903, Clone: 2A2C6) at dilution of 1:200.