

**Product Name: Calnexin Mouse Monoclonal Antibody****Catalog #: AMM80634**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	90kDa

**Antigen Information**

<b>Gene Name</b>	Calnexin
<b>Alternative Names</b>	CNX; P90; CANX
<b>Gene ID</b>	821.0
<b>SwissProt ID</b>	P27824
<b>Immunogen</b>	Synthetic peptide corresponding to aa (CEAAEERPWLWVVYILTVAL) of human Calnexin, conjugated to KLH.

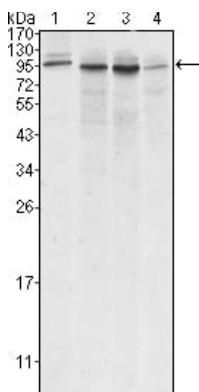
**Background**

This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins,

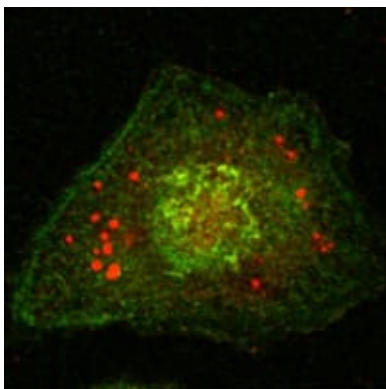
facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation. Alternatively spliced transcript variants encoding the same protein have been described.

## Research Area

### Image Data



Western blot analysis using Calnexin mouse mAb against A431 (1), HeLa (2), MCF-7 (3) and A549 (4) cell lysate.



Confocal Immunofluorescence analysis of HeLa cells using Calnexin mouse mAb (green).