



## Calnexin

### Mouse monoclonal Antibody

**#54035****Catalog Number:** 54035**Amount:** 100µg/100µl**Swiss-Prot No. :** P27824**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human Calnexin protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Calnexin and does not cross-react with related proteins**Reactivity:** Human**Applications:**

Predicted MW: 90kd      WB:1:500-2000      ICC:1:200-1000

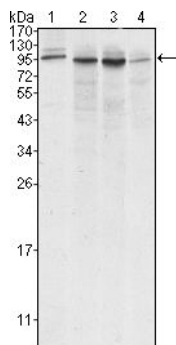


Figure 1: Western blot analysis using Calnexin mouse mAb against A431 (1), HeLa (2), MCF-7 (3) and A549 (4) cell lysate.

**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.