

Mouse Monoclonal Antibody to Calnexin

Catalogue Number	sAP-0158
Target Molecule	<p>Name: Calnexin</p> <p>Aliases: CNX; P90; CANX</p> <p>MW: 90kDa</p> <p>Entrez Gene ID: 821</p>
Description	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.
Immunogen	Synthetic peptide corresponding to aa (CEAAEERPWLWVYILTVL) of human Calnexin, conjugated to KLH.
Recitative Species	Human
Clone	MM3H4A7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Science. 2003 Feb 28;299(5611):1394-7. ; 2. Exp Cell Res. 2004 Mar 10;294(1):244-53. ; 3. Science. 2004 Apr 23;304(5670):600-2.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**