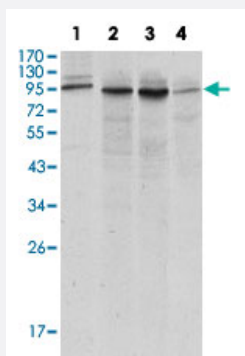


CANX monoclonal antibody, clone 3H4A7

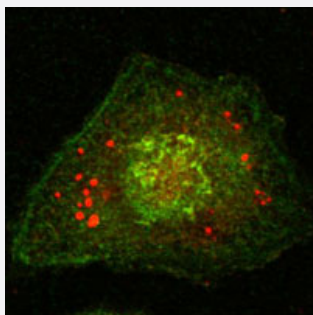
Catalog # MAB10458 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of CANX monoclonal antibody, clone 3H4A7 (Cat # MAB10458) against A-431 (1), HeLa (2), MCF-7 (3) and A-549 (4) cell lysate.



Immunofluorescence

Confocal immunofluorescence analysis of HeLa cells using CANX monoclonal antibody, clone 3H4A7 (Cat # MAB10458) (green). Blue: DRAQ5 fluorescent DNA dye.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide CANX.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human Calnexin.
Sequence	CEAAEERPWLWVVYILTVAL
Host	Mouse
Theoretical MW (kDa)	90
Reactivity	Human

Form	Liquid
Isotype	IgG2b
Recommend Usage	Western Blot (1:500-1:2000) Immunofluorescence (1:200-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascitic (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of CANX monoclonal antibody, clone 3H4A7 (Cat # MAB10458) against A-431 (1), HeLa (2), MCF-7 (3) and A-549 (4) cell lysate.

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — CANX

Entrez GeneID	821
Gene Name	CANX
Gene Alias	CNX, FLJ26570, IP90, P90
Gene Description	calnexin
Omim ID	114217
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

major histocompatibility complex class I antigen-binding protein p88

Pathway

- [Antigen processing and presentation](#)