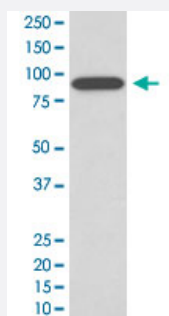


# CANX monoclonal antibody, clone HOE-3

Catalog # MAB19687      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with CANX monoclonal antibody, clone HOE-3 (Cat # MAB19687).

## Specification

**Product Description** Rabbit monoclonal antibody raised against synthetic peptide of human CANX.

**Immunogen** A synthetic peptide corresponding to human CANX.

**Host** Rabbit

**Theoretical MW (kDa)** 67.568

**Reactivity** Human

**Form** Liquid

**Purification** Affinity purification

**Isotype** IgG

**Recommend Usage**

- Flow Cytometry (1:100)
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:100-1:500)
- Western Blot (1:1000-1:2000)

The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 HepG2 cell lysate with CANX monoclonal antibody, clone HOE-3 (Cat # MAB19687).

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

## Gene Info — CANX

Entrez GeneID	<a href="#">821</a>
Protein Accession#	<a href="#">P27824</a>
Gene Name	CANX
Gene Alias	CNX, FLJ26570, IP90, P90
Gene Description	calnexin
Omim ID	<a href="#">114217</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)