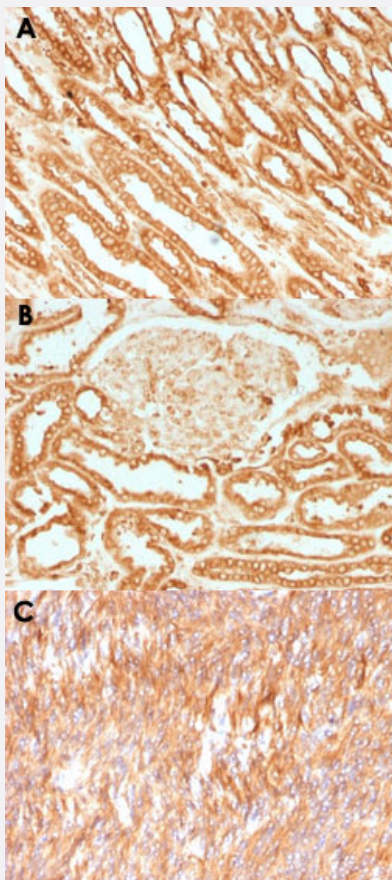


# CANX monoclonal antibody, clone CANX/1541

Catalog # MAB15046      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human renal cell carcinoma (A, B) and human small intestinal carcinoma (C) with CANX monoclonal antibody, clone CANX/1541 (Cat # MAB15046).

## Specification

|                             |  |
|-----------------------------|--|
| <b>Product Description</b>  | Mouse monoclonal antibody raised against partial recombinant human CANX. |
| <b>Immunogen</b>            | Recombinant protein corresponding to N-terminus of human CANX.           |
| <b>Host</b>                 | Mouse  |
| <b>Theoretical MW (kDa)</b> | 90   |

|                     |   |
|---------------------|---|
| Reactivity          | Human   |
| Form                | Liquid  |
| Purification        | Protein A/G purification  |
| Isotype             | IgG2b, kappa  |
| Recommend Usage     | Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells)<br>Immunofluorescence (0.5-1 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)<br>Western Blotting (0.5-1 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In 10 mM PBS (0.05% BSA, 0.05% sodium azide).   |
| Storage Instruction | Store at 4°C.   |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |

## Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)  
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human renal cell carcinoma (A, B) and human small intestinal carcinoma (C) with CANX monoclonal antibody, clone CANX/1541 (Cat # MAB15046).
- 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 [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

## Publication Reference

- [The Merck Frosst Award Lecture 1994/La conference Merck Frosst 1994. Calnexin: a molecular chaperone with a taste for carbohydrate.](#)

D B Williams.

Biochemistry and Cell Biology 1995 Mar; 73(3-4):123.

## Pathway

- [Antigen processing and presentation](#)