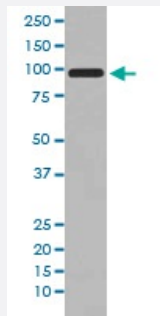


# PIK3C3 monoclonal antibody, clone CDO-16

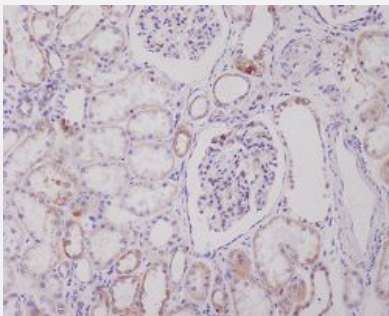
Catalog # MAB20589      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of 293T cell lysate using PIK3C3 monoclonal antibody, clone CDO-16.



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

Immunohistochemistry analysis of paraffin-embedded human kidney using PIK3C3 monoclonal antibody, clone CDO-16.

## Specification

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit monoclonal antibody raised against synthetic peptide of human PIK3C3. |
| <b>Immunogen</b>           | A synthetic peptide corresponding to human PIK3C3.                           |
| <b>Host</b>                | Rabbit                                                                       |
| <b>Reactivity</b>          | Human                                                                        |
| <b>Form</b>                | Liquid                                                                       |
| <b>Purification</b>        | Affinity purification                                                        |
| <b>Isotype</b>             | IgG                                                                          |

|                            |                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommend Usage</b>     | Immunohistochemistry (1:50-1:200)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user.                                                |
| <b>Storage Buffer</b>      | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).                                                                                                                       |
| <b>Storage Instruction</b> | 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. |
| <b>Note</b>                | 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 293T cell lysate using PIK3C3 monoclonal antibody, clone CDO-16.

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

Immunohistochemistry analysis of paraffin-embedded human kidney using PIK3C3 monoclonal antibody, clone CDO-16.

## Gene Info — PIK3C3

|                           |                                        |
|---------------------------|----------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">5289</a>                   |
| <b>Protein Accession#</b> | <a href="#">Q8NEB9</a>                 |
| <b>Gene Name</b>          | PIK3C3                                 |
| <b>Gene Alias</b>         | MGC61518, Vps34                        |
| <b>Gene Description</b>   | phosphoinositide-3-kinase, class 3     |
| <b>Omim ID</b>            | <a href="#">602609</a>                 |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>              |
| <b>Gene Summary</b>       | O                                      |
| <b>Other Designations</b> | phosphatidylinositol 3-kinase, class 3 |

## Pathway

- [Inositol phosphate metabolism](#)

- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)
- [Regulation of autophagy](#)

## Disease

- [Adenocarcinoma](#)
- [Bipolar Disorder](#)
- [Carcinoma](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Lupus Erythematosus](#)
- [Schizophrenia](#)