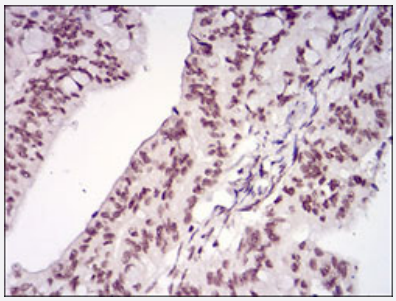
# MEN1 monoclonal antibody, clone 7D3E10

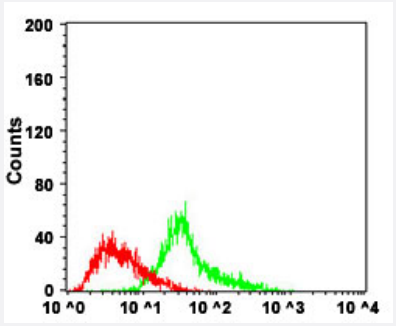
Catalog # MAB12246 Size 100 ug

## Applications



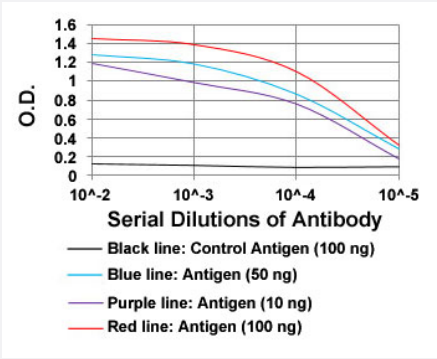
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human rectum cancer tissues with MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:200-1:1000 dilution.



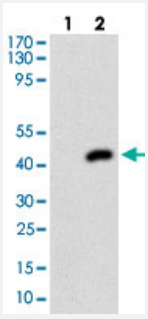

### Flow Cytometry

Flow cytometric analysis of Hela cells with MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:200-1:400 dilution (Green) and negative control (Red).




### Enzyme-linked Immunoabsorbent Assay

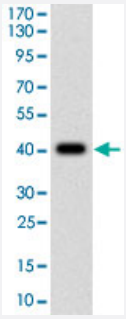
ELISA analysis of MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:10000 dilution.




### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control [HEK293 cell lysate]; Lane 2: Over-expression lysate [MEN1 (AA: 392-554)-hIgGFc transfected HEK293 cells] with MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:500-1:2000 dilution.

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## Western Blot (Recombinant protein)

Western blot analysis of human MEN1 (AA: 392-554) recombinant protein (Expected MW is 43.3 kDa) with MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:500-1:2000 dilution.

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against partial recombinant human MEN1. |
| **Immunogen** | Recombinant protein corresponding to amino acids 392-554 of human MEN1. |
| **Host** | Mouse |
| **Theoretical MW (kDa)** | 68 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Isotype** | IgG1 |
| **Recommend Usage** | ELISA (1:10000)<br>Flow Cytometry (1:200-1:400)<br>Immunohistochemistry (1:200-1:1000)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (0.05% sodium azide) |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

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

  Immunohistochemical staining of human rectum cancer tissues with MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:200-1:1000 dilution.

- Flow Cytometry

  Flow cytometric analysis of Hela cells with MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:200-1:400 dilution (Green) and negative control (Red).

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:10000 dilution.

- Western Blot (Transfected lysate)

  Western blot analysis of Lane 1: Negative control [HEK293 cell lysate]; Lane 2: Over-expression lysate [MEN1 (AA: 392-554)-hIgGFc transfected HEK293 cells] with MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:500-1:2000 dilution.

- Western Blot (Recombinant protein)

  Western blot analysis of human MEN1 (AA: 392-554) recombinant protein (Expected MW is 43.3 kDa) with MEN1 monoclonal antibody, clone 7D3E10 (Cat# MAB12246) at 1:500-1:2000 dilution.

## Gene Info — MEN1

| | |
|---|---|
| **Entrez GeneID** | 4221 |
| **Gene Name** | MEN1 |
| **Gene Alias** | MEAI, SCG2 |
| **Gene Description** | multiple endocrine neoplasia I |
| **Omim ID** | 131100 145000 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes menin, a putative tumor suppressor associated with a syndrome known as multiple endocrine neoplasia type 1. In vitro studies have shown menin is localized to the nucleus, possesses two functional nuclear localization signals, and inhibits transcriptional activation by JunD, however, the function of this protein is not known. Two messages have been detected on northern blots but the larger message has not been characterized. Alternative splicing results in multiple transcript variants. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000042868\|OTTHUMP00000070176\|OTTHUMP00000070180\|OTTHUMP00000070184\|endocrine adenomatosis, multiple\|menin |

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## Disease

- Adenocarcinoma
- Adenoma
- Adrenal Gland Neoplasms
- Cardiovascular Diseases
- Diabetes Mellitus
- Disease Susceptibility
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Hyperinsulinism
- Hyperparathyroidism
- Hypoglycemia
- Insulinoma
- Multiple endocrine neoplasia
- Multiple Endocrine Neoplasia Type 1
- Neuroendocrine Tumors
- Pancreatic cancer
- Pancreatic Neoplasms
- Parathyroid Neoplasms
- Pituitary Neoplasms

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