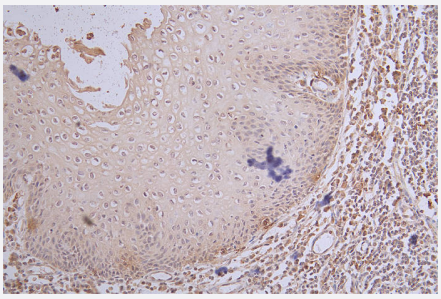
RecomAb™

# MKI67 recombinant monoclonal antibody, clone 16H10

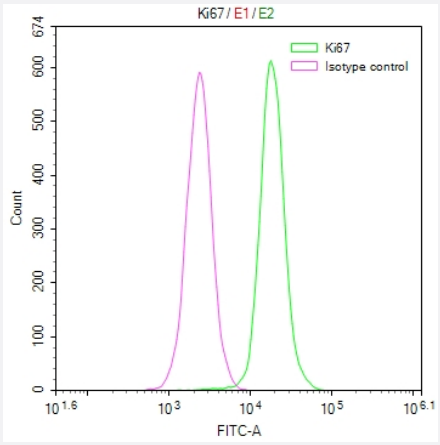
Catalog # RAB07768 Size 100 uL

## Applications



### Immunohistochemistry

Immunohistochemistry image of MKI67 recombinant monoclonal antibody, clone 16H10 diluted at 1:50 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system.




### Flow Cytometry

Overlay Peak curve showing Hela cells stained with MKI67 recombinant monoclonal antibody, clone 16H10 (red line) at 1:50.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human MKI67. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against a synthetic peptide corresponding to human MKI67. |
| **Reactivity** | Human |
| **Form** | Liquid |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Preparation Method** | Mammalian cell (HEK293) expression system |
| **Purification** | Affinity chromatography purification |
| **Isotype** | IgG |
| **Recommend Usage** | ELISA<br>Flow Cytometry(1:50-1:200)<br>Immunohistochemistry(1:50-1:200)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol) |
| **Storage Instruction** | Store at -20°C or -80°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

- Immunohistochemistry

  Immunohistochemistry image of MKI67 recombinant monoclonal antibody, clone 16H10 diluted at 1:50 and staining in paraffin-embedded human tonsil tissue performed on a Leica BondTM system.

- Flow Cytometry

  Overlay Peak curve showing Hela cells stained with MKI67 recombinant monoclonal antibody, clone 16H10 (red line) at 1:50.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MKI67

| | |
|---|---|
| **Entrez GeneID** | 4288 |
| **Protein Accession#** | P46013 |
| **Gene Name** | MKI67 |
| **Gene Alias** | KIA, Ki-67 |
| **Gene Description** | antigen identified by monoclonal antibody Ki-67 |
| **Omim ID** | 176741 |
| **Gene Ontology** | Hyperlink |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Gene Summary** | This gene encodes a nuclear protein that is associated with and may be necessary for cellular pro liferation. Alternatively spliced transcript variants have been described. A related pseudogene exi sts on chromosome X. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000020739\|proliferation-related Ki-67 antigen |

## Disease

- Alzheimer Disease
- Brain Ischemia
- Carcinoma
- Cardiovascular Diseases
- Coronary Disease
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Myocardial Infarction
- Neoplasms
- Ovarian Neoplasms
- Recurrence
- Stroke

Copyright © 2023 Abnova Corporation. All Rights Reserved.