

## MKI67 recombinant antibody

MKI67 Recombinant Monoclonal Antibody

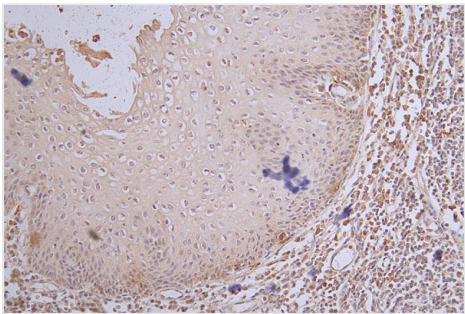
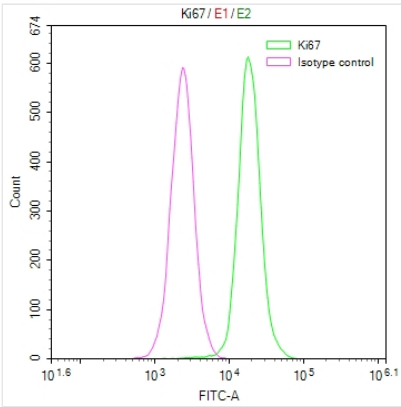
| CATALOG # | HOST         | REACTIVITY | APPLICATIONS                                                  |
|-----------|--------------|------------|---------------------------------------------------------------|
| AAA279120 | HEK293F Cell | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

MKI67; Monoclonal Recombinant Antibody; MKI67 Recombinant Monoclonal Antibody; Proliferation marker protein Ki-67 (Antigen identified by monoclonal Ki-67)(Antigen KI-67)(Antigen Ki67); MKI67 recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                        |                                                                             |
|--------------------------------------------------------|-----------------------------------------------------------------------------|
| Host                                                   | HEK293F Cell                                                                |
| Reactivity                                             | Human                                                                       |
| Clonality                                              | Monoclonal                                                                  |
| Isotype                                                | Rabbit IgG                                                                  |
| Clone Number                                           | 16H10                                                                       |
| Purity/Purification                                    | Affinity purified                                                           |
| Form/Format                                            | Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.          |
| Applicable Applications for MKI67 recombinant antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA                |
| Immunogen Species                                      | Human                                                                       |
| Immunogen                                              | A synthesized peptide derived from Human MKI67                              |
| Conjugation                                            | Non-conjugated                                                              |
| Research Area                                          | Neuroscience; Cancer; Cell biology; Tags & Cell Markers                     |
| Preparation and Storage                                | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |



**IHC (Immunohistochemistry)**  
IHC image of AAA279120 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.65% DAB.

**FCM/FACS (Flow Cytometry)**  
Overlay Peak curve showing HeLa cells stained with AAA279120 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup>cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1ug/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 225543215                                          |
| NCBI GeneID                      | 4288                                               |
| NCBI Accession #                 | NP_001139438.1                                     |
| NCBI GenBank Nucleotide #        | NM_001145966.1                                     |
| UniProt Accession #              | P46013; Q5VWH2                                     |
| Molecular Weight                 | 358,694 Da                                         |
| NCBI Official Full Name          | antigen KI-67 isoform 2                            |
| NCBI Official Synonym Full Names | antigen identified by monoclonal antibody Ki-67    |
| NCBI Official Symbol             | MKI67                                              |
| NCBI Official Synonym Symbols    | KIA                                                |
| NCBI Protein Information         | antigen KI-67; proliferation-related Ki-67 antigen |
| UniProt Protein Name             | Antigen KI-67                                      |
| UniProt Gene Name                | MKI67                                              |
| UniProt Entry Name               | KI67_HUMAN                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.