



# Rabbit Anti-Human MKI67 Monoclonal Antibody, clone CQ7156 (CABT-Z216R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| <b>Immunogen</b>             | Synthetic peptide corresponding to Ki-67 residues within aa1000-1100 of Ki-67 was used as an immunogen. |
| <b>Isotype</b>               | IgG   |
| <b>Source/Host</b>           | Rabbit  |
| <b>Species Reactivity</b>    | Human   |
| <b>Clone</b>                 | CQ7156  |
| <b>Purification</b>          | ProA affinity purified IgG.   |
| <b>Conjugate</b>             | Unconjugated  |
| <b>Applications</b>          | IHC-P<br>Recommended concentration:<br>IHC-P: 1:100-1:200   |
| <b>Molecular Weight</b>      | 359 kDa   |
| <b>Cellular Localization</b> | Nucleus   |
| <b>Positive Control</b>      | Tonsil  |
| <b>Format</b>                | Liquid  |
| <b>Concentration</b>         | Lot specific  |
| <b>Size</b>                  | 100 µl  |

|                     |   |
|---------------------|---|
| <b>Buffer</b>       | PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%. |
| <b>Preservative</b> | 0.01% Sodium azide                                    |
| <b>Storage</b>      | Store at -20 °C. Avoid freeze/thaw cycles.            |
| <b>Ship</b>         | Wet ice   |

## BACKGROUND

|                     |   |
|---------------------|---|
| <b>Introduction</b> | Antigen Ki-67 is a nuclear protein that is associated with and may be necessary for cellular proliferation. Furthermore, it is associated with ribosomal RNA transcription. Ki-67 was present in the nuclei of cells in the G1, S, and G2 phases of the cell division cycle as well as in mitosis. Quiescent or resting cells in the G0 phase did not express the Ki-67 antigen. Ki-67 protein was used as diagnostic tools in different types of neoplasms because it was present in all proliferating cells (normal and tumor cells) and was an excellent operational marker to determine the growth fraction of a given cell population. |
| <b>Keywords</b>     | MKI67; marker of proliferation Ki-67; KIA; MIB-1; antigen Ki-67; proliferation-related Ki-67 antigen; antigen identified by monoclonal antibody Ki-67   |

## GENE INFORMATION

|                       |                        |
|-----------------------|------------------------|
| <b>Gene Name</b>      | MKI67                  |
| <b>Entrez Gene ID</b> | <a href="#">4288</a>   |
| <b>UniProt ID</b>     | <a href="#">P46013</a> |