



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

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

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

BACKGROUND

Introduction	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.
Keywords	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

Gene Name	MKI67
Entrez Gene ID	4288
UniProt ID	P46013