



# Ki-67 (ABT104R) Rabbit mAb

<b>Catalog No</b>	YP-rAb-18241
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	IHC,WB,ELISA
<b>Gene Name</b>	MKI67
<b>Protein Name</b>	Ki 67
<b>Purification Process</b>	Protein A
<b>Specificity</b>	This antibody detects endogenous levels of Ki-67
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	IHC 1:100-500; WB 1:500-1000; ELISA 1:5000-20000 Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15° C to -25° C/1 year(Do not lower than -25° C)
<b>Synonyms</b>	Antigen identified by monoclonal Ki 67 ; Antigen identified by monoclonal Ki-67 ; Antigen KI-67 ; Antigen KI67 ; Antigen Ki67 ; KI67_HUMAN ; KIA ; Marker of proliferation Ki-67 ; MIB 1 ; MIB ; MKI67 ; PPP1R105 ; ProlifeRation marker protein Ki-67 ; ProlifeRation related Ki 67 antigen ; Protein phosphatase 1 regulatory subunit 105 ; RP11-380J17.2
<b>Observed Band</b>	
<b>Calculated Molecular Weight</b>	359kD
<b>Cell Pathway</b>	Nuclear
<b>Tissue Specificity</b>	Nuclear
<b>Function</b>	developmental stage:Expression of this antigen occurs preferentially during late G1, S, G2 and M phases of the cell cycle, while in cells in G0 phase the antigen cannot be detected.;Function:Thought to be required for maintaining cell proliferation.;online information:Ki-67 entry,similarity:Contains 1 FHA domain.;subcellular location:Predominantly localized in the G1 phase in the perinucleolar region, in the later phases it is also detected throughout the nuclear interior, being predominantly localized in the nuclear matrix. In mitosis, it is present on all chromosomes.;subunit:Interacts with KIF15. Binds through the FHA





domain to MKI67IP.,

### Background

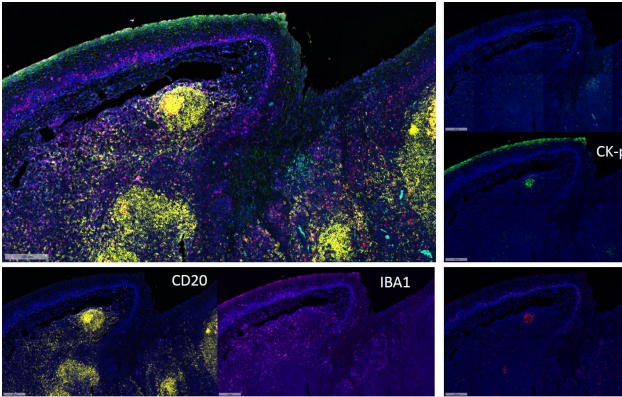
This gene encodes a nuclear protein that is associated with and may be necessary for cellular proliferation. Alternatively spliced transcript variants have been described. A related pseudogene exists on chromosome X. [provided by RefSeq, Mar 2009],

### matters needing attention

Avoid repeated freezing and thawing!

### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Fluorescence multiplex immunohistochemical analysis of Human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Pentuple-Fluorescence kit (

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