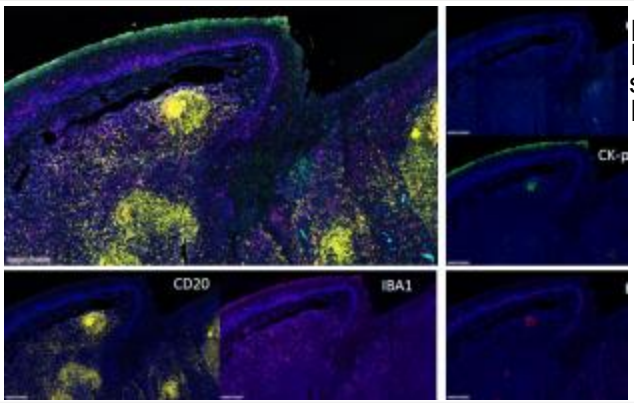
Ki-67 (ABT104R) Rabbit mAb

Catalog No	YP-rAb-18241
Isotype	IgG
Reactivity	Human
Applications	IHC,WB,ELISA
Gene Name	MKI67
Protein Name	Ki 67
Purification Process	Protein A
Specificity	This antibody detects endogenous levels of Ki-67
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	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
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	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
Observed Band	
Calculated Molecular Weight	359kD
Cell Pathway	Nuclear
Tissue Specificity	Nuclear
Function	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 (