Ki-67 (ABT104R) Rabbit mAb IHC kit

CatalogNo: IHCM7002 Recombinant

Key Features

Host Species
- Rabbit

Reactivity
- Human

Applications
- IHC

Isotype
- IgG

Recommended Dilution Ratios

Storage

Storage*	2°C to 8°C/1 year

Basic Information

Clonality	Monoclonal
Clone Number	ABT104R

Immunogen Information

Immunogen	Synthesized peptide derived from human Ki-67
Specificity	The antibody can specifically recognize human Ki-67 protein.

Target Information

Gene name	MKI67

Protein Name Ki 67

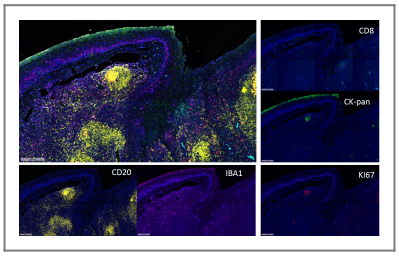
Organism	Gene ID	UniProt ID
Human	4288;	P46013;

Cellular Localization 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.,

Validation Data



Fluorescence multiplex immunohistochemical analysis of Human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Pentuple-Fluorescence kit (RS0038, Immunoway). CK-pan mouse mAb(YM6815 Immunoway) green, Ki-67 rabbit mAb(YM7002 Immunoway) red, Iba 1 mouse mAb(YM4765 Immunoway) purple,CD8 a mouse mAb(YM4815 Immunoway) cyan, CD20 mouse mAb(YM4814 Immunoway) yellow, The section was incubated in 5 rounds of staining; sequentially for Anti-antibodies; each using a separate fluorescent tyramide signal amplification system. EDTA based antigen retrieval (Immunoway YS0004, pH 9.0, 20 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).

Contact information

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Please scan the QR code to access additional product information:
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