

Ki-67 (PT0321R) PT™ Rabbit mAb

CatalogNo: YM8189 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 359kD (Calculated)
- 359kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1000

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

Basic Information

Clonality Monoclonal

Clone Number PT0321R

Immunogen Information

Specificity Endogenous

Target Information

Gene name MKI67

Protein Name Ki 67

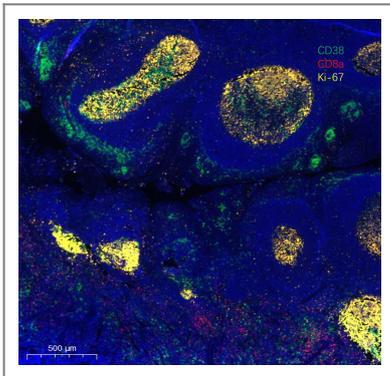
Organism	Gene ID	UniProt ID
Human	4288;	P46013;

Cellular Localization Nucleus

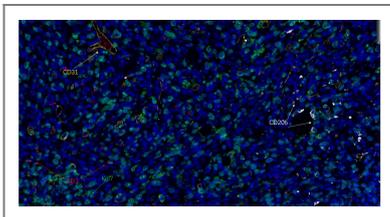
Tissue specificity Nuclear

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.,

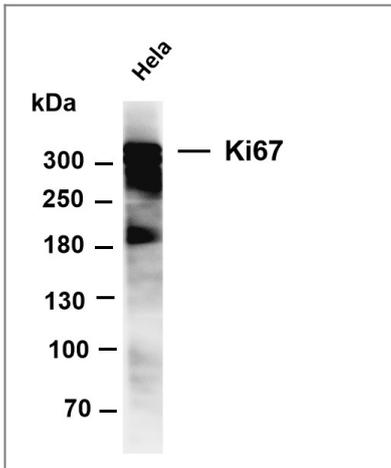
Validation Data



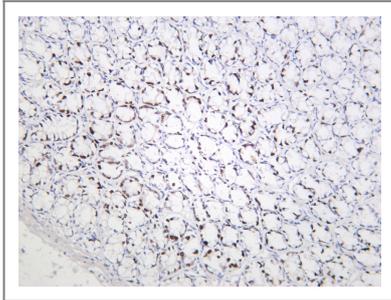
Fluorescence multiplex immunohistochemical analysis of human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit (RS0039, Immunoway).CD8 α rabbit mAb(RED) and CD38 mouse mAb(GREEN) and Ki67 rabbit mAb(YELLOW) was tested with different TSA Fluorescence reagent. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).



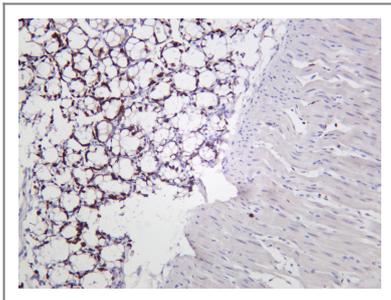
Fluorescence multiplex immunohistochemical analysis of human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit (RS0039, Immunoway).CD3 rabbit mAb(RED), Ki67 rabbit mAb(GREEN), CD31 rabbit mAb(YELLOW), CD206 Rabbit mAb(WHITE) was tested with different TSA Fluorescence reagent. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).



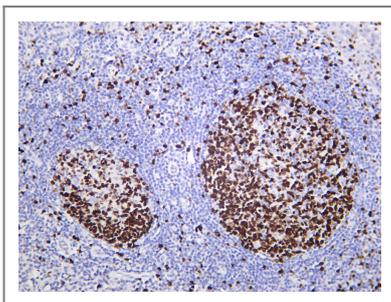
Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-Ki67 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Predicted band size: 359kDa Observed band size: 359kDa



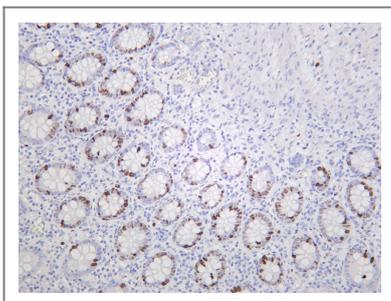
Rat colon was stained with Anti-Ki67 rabbit antibody



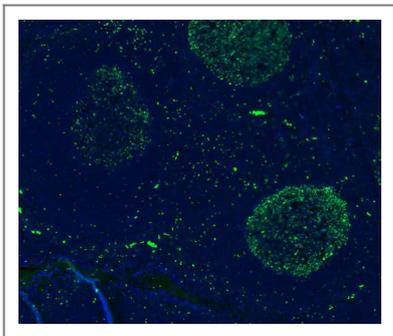
Mouse colon was stained with Anti-Ki67 rabbit antibody



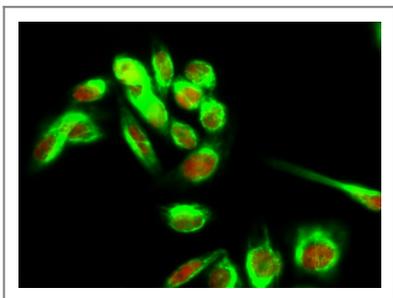
Human tonsil was stained with Anti-Ki67 rabbit antibody



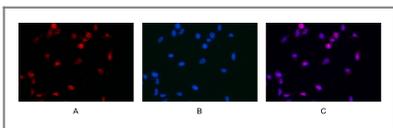
Human appendix was stained with Anti-Ki67 rabbit antibody



Human tonsil tissue was stained with Anti-Ki67 Antibody (green)



Immunofluorescence analysis of HeLa cell. 1, Ki-67 Antibody (red) was diluted at 1:200 (4° overnight). HSP70 Monoclonal Antibody (3G10) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog: RS3611 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog: RS3208 was diluted at 1:1000 (room temperature, 50min).



Immunofluorescence analysis of HEK293. Picture A: Ki67 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

Contact information

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Please scan the QR code to access additional product information:
Ki-67 (PT0321R)
PT™ Rabbit mAb

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