

# [KO Validated] Ki67 Rabbit pAb

Catalog No.: A2094SP **KO Validated** **120 Publications**

## Basic Information

### Observed MW

300 kDa and below

### Calculated MW

319 kDa/359 kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse

## Background

Enables protein C-terminus binding activity. Involved in regulation of chromosome segregation and regulation of mitotic nuclear division. Located in chromosome; nuclear body; and nucleolus. Colocalizes with condensed chromosome. Implicated in Crohn's disease; breast cancer; human immunodeficiency virus infectious disease; and pancreatic cancer. Biomarker of several diseases, including Barrett's esophagus; autoimmune disease of musculoskeletal system (multiple); endocrine gland cancer (multiple); gastrointestinal system cancer (multiple); and interstitial cystitis.

## Recommended Dilutions

**WB** 1:3000 - 1:9000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

## Contact

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## Immunogen Information

### Gene ID

4288

### Swiss Prot

P46013

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

KIA; MIB-; MIB-1; PPP1R105; Ki67

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

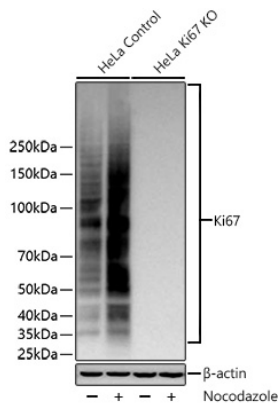
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

## Validation Data



Western blot analysis of lysates from wild type (WT) and Ki67 knockout (KO) HeLa cells using [KO Validated] Ki67 Rabbit pAb (A2094SP) at 1:9000 dilution incubated overnight at 4°C. HeLa cells were treated with Nocodazole (1 µg/mL) at 37°C for 24 hours.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 30 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 45 s.