

# ABflo® 610 Rabbit anti-Human Ki67 mAb

Catalog No.: A26736

## Basic Information

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### Observed MW

**Calculated MW**  
319kDa/359kDa

**Category**  
Primary antibody

**Applications**  
FC (intra)

**Cross-Reactivity**  
Human

**CloneNo number**  
ARC57564-ABflo610

**Conjugate**  
ABflo® 610. Ex:421nm. Em:612nm.

## Recommended Dilutions

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**FC (intra)** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Background

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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.

## Immunogen Information

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Gene ID	Swiss Prot
4288	P46013

**Immunogen**  
A synthetic peptide corresponding to a sequence within amino acids 2271-2370 of human Ki67 (NP\_002408.3).

**Synonyms**  
KIA; MIB-; MIB-1; PPP1R105

## Contact

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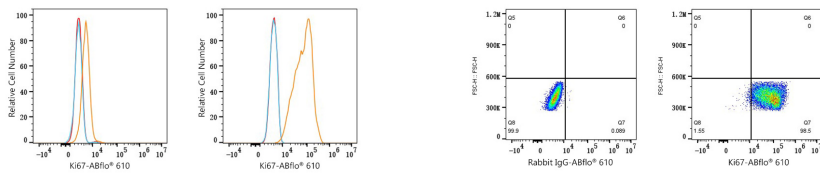
## Product Information

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Source	Isotype	Purification
Rabbit	IgG	Affinity purification

**Storage**  
Store at 2-8°C. Avoid freeze.  
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  knockout (KO) HeLa cells (negative control, left) and HeLa cells (right) were intracellularly-stained with ABflo® 610 Rabbit anti-Human Ki67 mAb (A26736, 5  $\mu$ l/Test, orange line) or ABflo® 610 Rabbit IgG isotype control (A25826, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  HeLa cells were intracellularly-stained with ABflo® 610 Rabbit IgG isotype control (A25826, 5  $\mu$ l/Test, left) or ABflo® 610 Rabbit anti-Human Ki67 mAb (A26736, 5  $\mu$ l/Test, right).