Ki67 Rabbit PolymAb®

Catalog NO.: A26419PM **1 Publications**

Basic Information

Observed MW
359kDa or below

Calculated MW
351kDa

Category
Monoclonal Antibodies

Applications
WB, IF/ICC, IF-P, IHC-P, ELISA

Cross-Reactivity
Mouse, Rat

Conjugation
Unconjugated

Background

Predicted to enable protein C-terminus binding activity. Involved in regulation of chromatin organization. Acts upstream of or within cholangiocyte proliferation; hepatocyte proliferation; and meiotic cell cycle. Located in chromosome; cytoplasm; and nucleolus. Is expressed in several structures, including alimentary system; brain; genitourinary system; sensory organ; and skin. Human ortholog(s) of this gene implicated in Crohn's disease; breast cancer; human immunodeficiency virus infectious disease; and pancreatic cancer. Orthologous to human MKI67 (marker of proliferation Ki-67).

Recommended Dilutions

WB	1:1000 - 1:5000
IF/ICC	1:2000 - 1:8000
IF-P	1:2000 - 1:8000
IHC-P	1:5000 - 1:20000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
17345

Swiss Prot
E9PVX6

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Ki67; Ki-67; D630048A14Rik

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

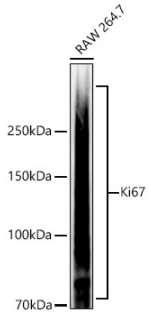
Source
Rabbit

Isotype
IgG

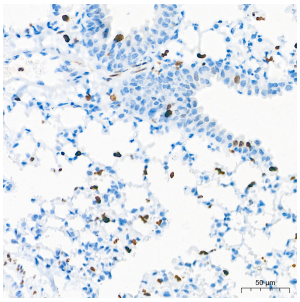
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



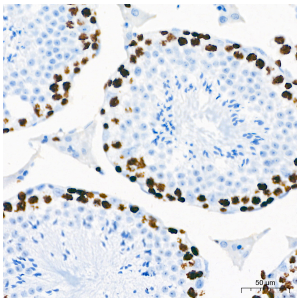
Western blot analysis of lysates from RAW 264.7 cells using Ki67 Rabbit PolymAb® (A26419PM) at 1:2000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.



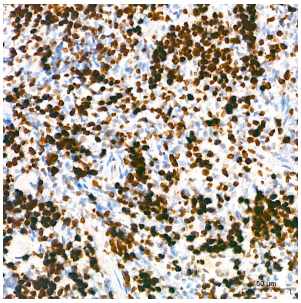
Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using Ki67 Rabbit PolymAb® (A26419PM) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

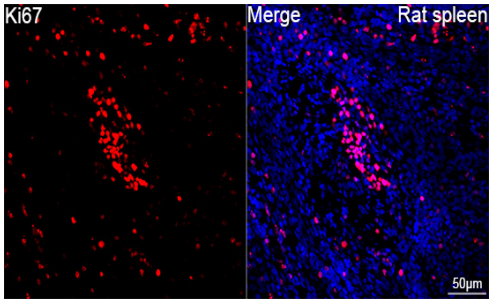


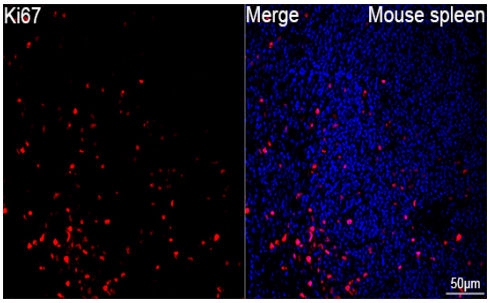
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using Ki67 Rabbit PolymAb® (A26419PM) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using Ki67 Rabbit PolymAb® (A26419PM) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.







Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using Ki67 Rabbit PolymAb® (A26419PM) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

Confocal imaging of paraffin-embedded Rat spleen tissue using Ki67 Rabbit PolymAb® (A26419PM, dilution 1:4000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

Confocal imaging of paraffin-embedded Mouse spleen tissue using Ki67 Rabbit PolymAb® (A26419PM, dilution 1:4000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

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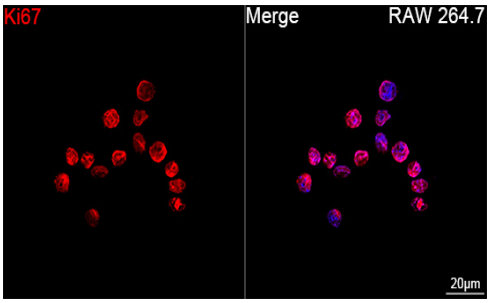
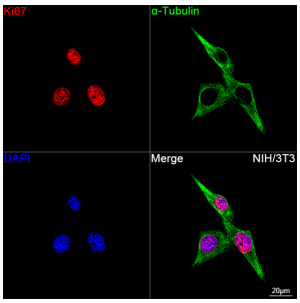
Validation Data



Confocal imaging of RAW 264.7 cells using Ki67 Rabbit PolymAb® (A26419PM, dilution 1:800) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of NIH/3T3 cells using Ki67 Rabbit PolymAb® (A26419PM, dilution 1:4000) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

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