A21861

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Ki67 Rabbit mAb

Catalog No.: A21861 Recombinant 8 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
359kDa

Category
Monoclonal Antibody

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

Cross-Reactivity
Human,Mouse,Rat

Clone number
ARC5050-01

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

IF/ICC	1:50 - 1:200
IF-P	1:50 - 1:200
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
4288

Swiss Prot
P46013

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

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

Product Information

Source
Rabbit

Isotype
IgG

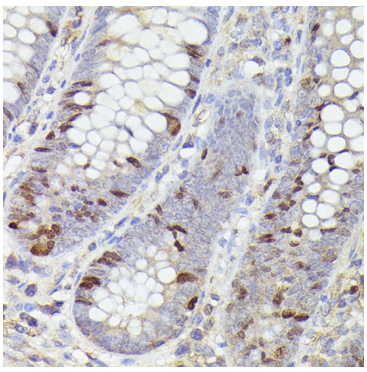
Purification
Affinity purification

Storage
Store at -20℃

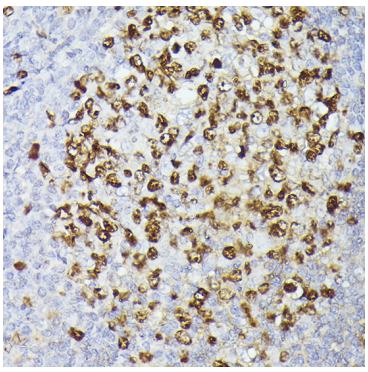
Contact

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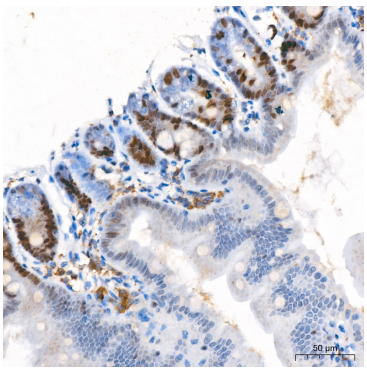
Validation Data



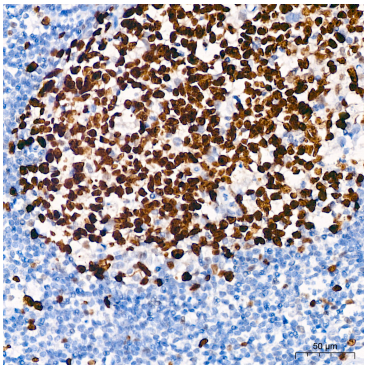
Immunohistochemistry analysis of paraffin-embedded Human appendix using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.05M Tris/EDTA Buffer (pH 8.0) prior to IHC staining.



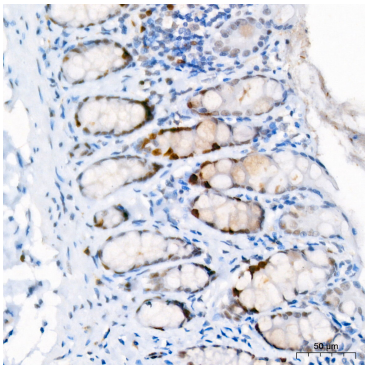
Immunohistochemistry analysis of paraffin-embedded Human tonsil using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.05M Tris/EDTA Buffer (pH 8.0) prior to IHC staining.



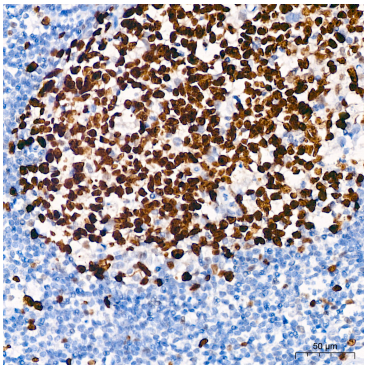
Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



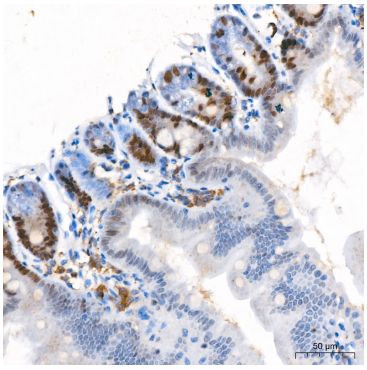
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



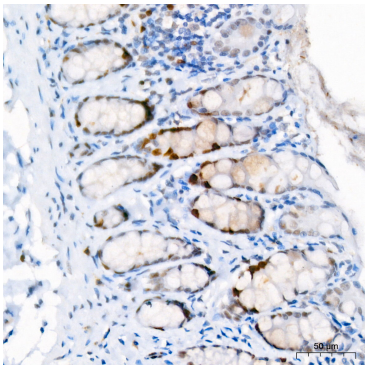
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



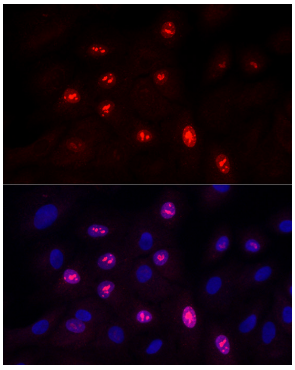
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse intestin tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

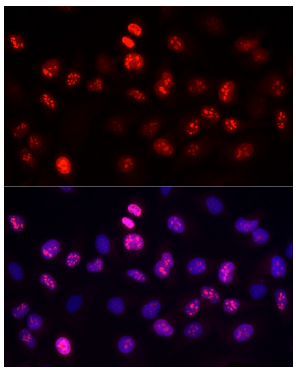


Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

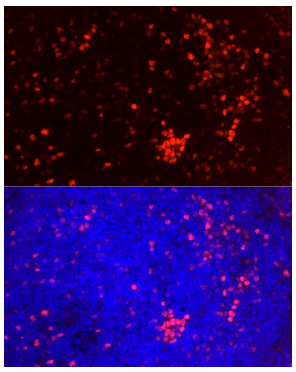


Immunofluorescence analysis of A-549 cells using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

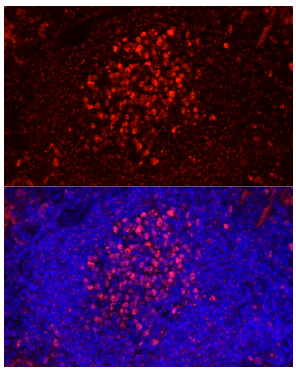
Validation Data



Immunofluorescence analysis of HeLa cells using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Mouse spleen using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Rat spleen using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.