

A21861

Leader in Biomolecular Solutions for Life Science



Ki67 Rabbit mAb

Catalog No.: A21861

Recombinant

5 Publications

Basic Information

Observed MW

Refer to figures

Calculated MW

359kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo 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

IHC-P 1:50 - 1:200

IF/ICC 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

A synthetic peptide corresponding to a sequence within amino acids 1200-1300 of human Ki67 (NP_002408.3).

Synonyms

KiA; MIB-; MIB-1; PPP1R105; Ki67

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

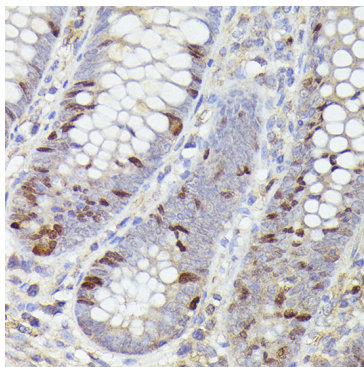
Purification

Affinity purification

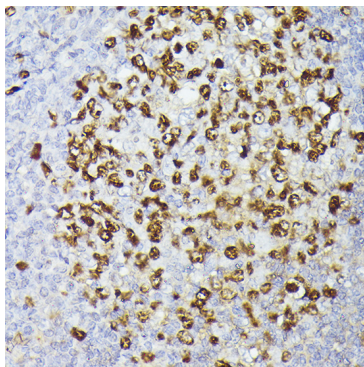
Storage

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

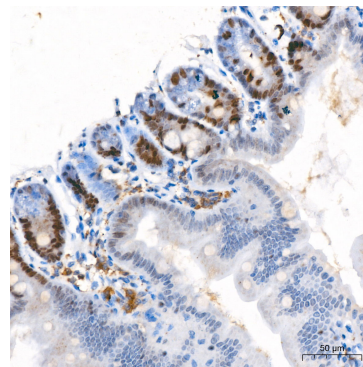
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.



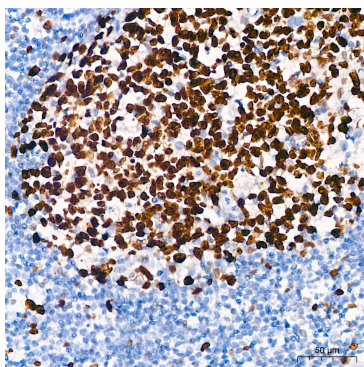
Immunohistochemistry analysis of paraffin-embedded Human appendix using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.05M Tris/EDTA Buffer (pH 8.0) prior to IHC staining.



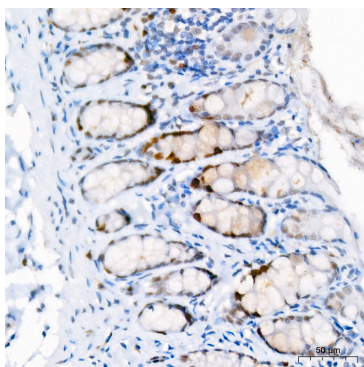
Immunohistochemistry analysis of paraffin-embedded Human tonsil using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.05M Tris/EDTA Buffer (pH 8.0) prior to IHC staining.



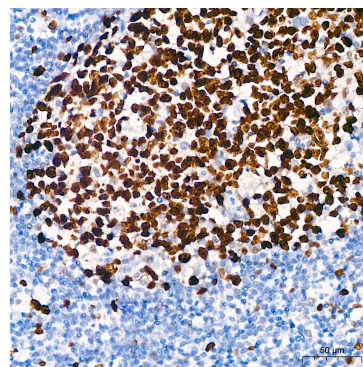
Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



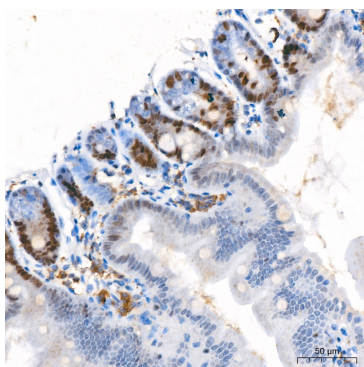
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



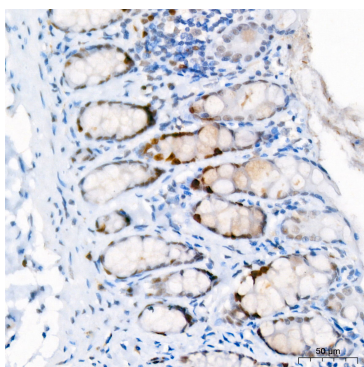
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



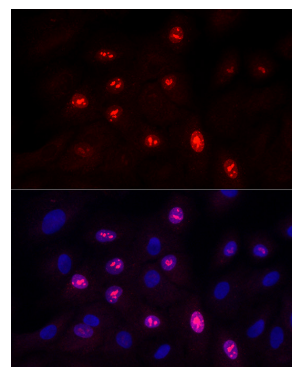
Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Ki67 Rabbit mAb (A21861) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse intestine 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

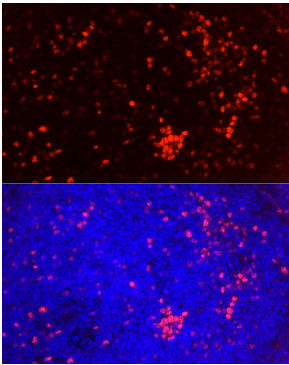
Validation Data

retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



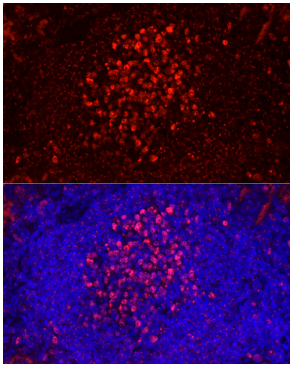
Immunofluorescence analysis of HeLa cells using Ki67 Rabbit mAb (A21861) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

performed with 0.01 M citrate buffer (pH 6.0) prior to IHC 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.

(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.