BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Ki-67 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04806
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Ki67. AA range:3207-3256
Mol wt	358694
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Ki-67 Antibody
Synonyms	MKI67; Antigen KI-67

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MKI67 encodes Antigen KI-67 that is associated with and may be necessary for cellular proliferation. Alternatively spliced transcript variants have been described. A related pseudogene exists on chromosome X.

Recommended Dilution

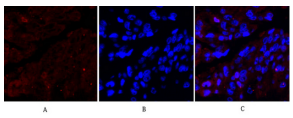
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

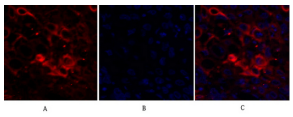
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of human-liver-cancer tissue. 1,Ki-67 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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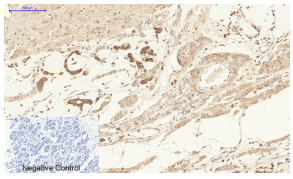
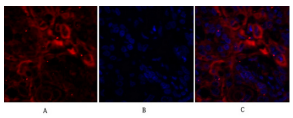
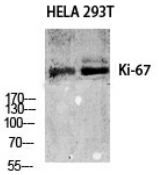


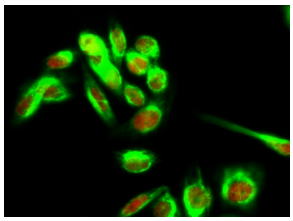
Immunohistochemical analysis of paraffin-embedded Human-stomach-cancer tissue. 1,Ki-67 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



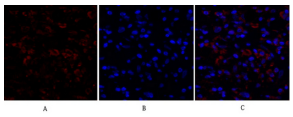
Immunofluorescence analysis of human-lung-cancer tissue. 1,Ki-67 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

Western Blot analysis of various cells using Ki-67 Polyclonal Antibody diluted at 1:1000

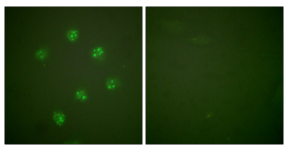




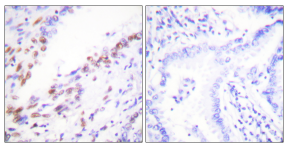
Immunofluorescence analysis of Hela cell. 1,Ki-67 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). HSP70 Monoclonal Antibody(3G10)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).



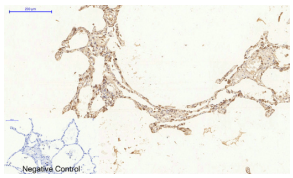
Immunofluorescence analysis of human-breast-cancer tissue. 1,Ki-67 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



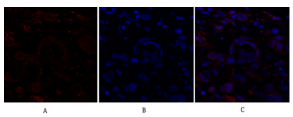
Immunofluorescence analysis of COS7 cells, using Ki67 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Ki67 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human-lung tissue. 1,Ki-67 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



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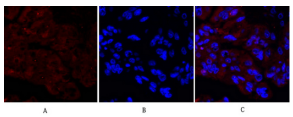

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Storage

-20°C for one year

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