

Ki67 antibody [SP6]

Cat. No. GTX16667

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IHC
Reactivity	Human, Mouse, Rat, Pig

References (241)

Package

500 µl

PRODUCT

Summary

Ki67 antibody recognizes Ki67 antigen, a nuclear nonhistone protein with a predicted molecular weight of 359 kDa. Ki67 is present during the active phases of the cell cycle and is used clinically as a proliferation marker. Ki67 antibody is used extensively in immunohistochemistry to assess the grade or apparent aggressiveness of various malignancies.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:25-1:50
IHC-Fr	Assay dependent
FCM	Assay dependent
IHC	Assay dependent

Note : Antigen retrieval: Tris-EDTA (pH9.0) is recommended.

Not tested in other applications.

Calculated MW 359 kDa. ([Note](#))

Product Note Highly recommended for IHC-P in human tissues.

Properties

Form	Liquid
Buffer	Tissue culture supernatant, PBS, BSA
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
Purification	Tissue culture supernatant



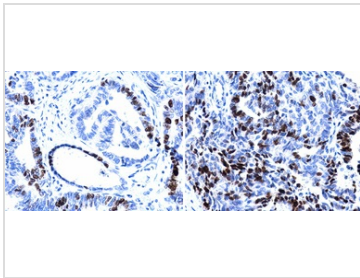
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Conjugation Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

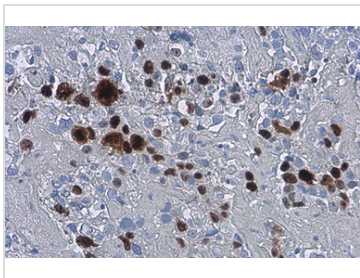
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DATA IMAGES



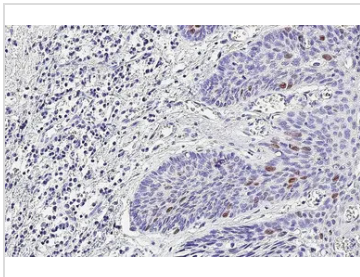
GTx16667 IHC-P Image

Ki67 antibody [SP6] detects Ki67 protein at nucleus in human cervical metaplasia (left) and carcinoma (right) by immunohistochemical analysis.
 Sample: Paraffin-embedded human cervix.
 Ki67 antibody [SP6] (GTx16667) diluted at 1:200.



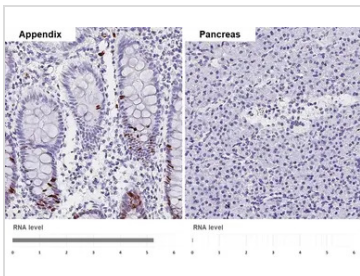
GTx16667 IHC-P Image

Ki67 antibody [SP6] detects Ki67 protein at nucleus by immunohistochemical analysis.
 Sample: Paraffin-embedded human cervical carcinoma.
 Ki67 stained by Ki67 antibody [SP6] (GTx16667) diluted at 1:200.



GTx16667 IHC-P Image

Ki67 antibody [SP6] detects Ki67 protein by immunohistochemical analysis.
 Sample: Paraffin-embedded human oral carcinoma.
 Ki67 stained by Ki67 antibody [SP6] (GTx16667) diluted at 1:200.
 Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min



GTx16667 IHC-P Image

Ki67 antibody [SP6] detects Ki67 protein by immunohistochemical analysis.
 Sample: Paraffin-embedded human tissues.
 Ki67 stained by Ki67 antibody [SP6] (GTx16667) diluted at 1:200.
 Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min
 Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



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