

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 (217)

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 : Recommended retrieval buffer : EDTA Buffer pH 8.0

Not tested in other applications.

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

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
Conjugation	Unconjugated

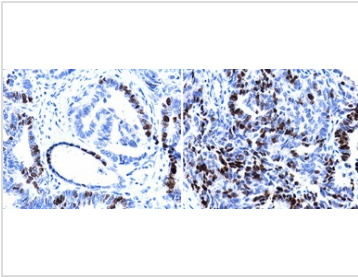


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Note

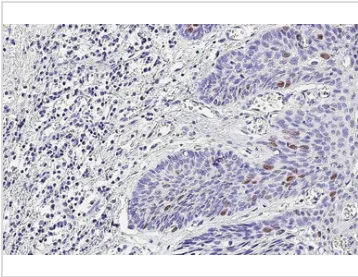
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DATA IMAGES

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.

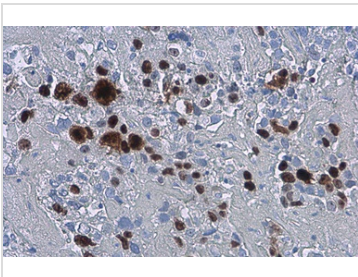

GTx16667 IHC-P Image

Ki67 antibody [SP6] detects Ki67 protein 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

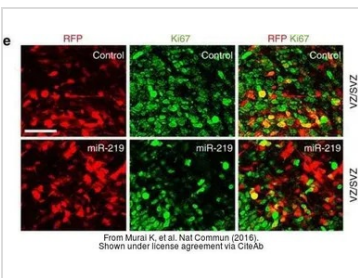

GTx16667 IHC-P Image

Ki67 antibody [SP6] detects Ki67 protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human cervical carcinoma.

Ki67 stained by Ki67 antibody [SP6] (GTx16667) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx16667 IHC Image

The data was published in the journal Nat Commun in 2016. [PMID: 26965827](https://pubmed.ncbi.nlm.nih.gov/26965827/)



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