

Product Datasheet

Ki67/MKI67 Antibody NB110-90593

Unit Size: 0.05 ml

Store at 4C. Do not freeze.

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NB110-90593

Ki67/MKI67 Antibody

Product Information

Unit Size	0.05 ml
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

Host	Rabbit
Gene ID	4288
Gene Symbol	MKI67
Species	Human, Mouse
Reactivity Notes	Human and Mouse.
Marker	Proliferation Marker
Immunogen	Synthetic peptide made to an internal portion of the human Ki67 protein (within residues 2100-2200). [Swiss-Prot# P46013]

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:3200, Immunohistochemistry-Paraffin 1:3200
Application Notes	This Ki67 antibody is useful for Immunohistochemistry-paraffin embedded sections.

Publications

Fleming JM, Miller TC, Meyer MJ et al. Local regulation of human breast xenograft models. J Cell Physiol 2010 Sep [PMID: 20578247] (IHC-P, Mouse)



Procedures

Immunohistochemistry Protocol for Ki67 Antibody (NB110-90593)

Immunohistochemistry

1. Slice fresh tissues in 3um sections
2. Formaldehyde fixation 50C for 1 hour
3. Dehydrate under 80%, 90%, 90%, 95%, 95%, 100% and 100% ethanol successively under 50C for 1 hour of each concentration
4. Xylene I 40C for 1 hour
5. Xylene II 40C for 1 hour
6. Paraffin I embedding 65C for 1 hour
7. Paraffin II embedding 65C for 1 hour
8. Paraffin III embedding 65C for 1 hour
9. Deparaffinize and rehydrate sections as standard
10. Antigen retrieval using 10mM sodium citrate microwave for 20 minutes
11. Wash and PBS wash as standard
12. Add 100ul primary antibody diluted to 1:3200 separately and incubate at 4C overnight
13. Wash in PBS buffer for 3 times 5 minutes
14. Remove excess PBS buffer and incubate sections with biotinylated secondary antibody, incubate for 30 minutes at 30C
15. Wash in PBS buffer for 3 times 5 minutes
16. Remove excess PBS buffer and incubate sections with ABC at 30C for 30 minutes
17. Wash in PBS buffer for 3 times 5 minutes
18. Develop with DAB
19. Rinse slides in gently running tap water for 10 minutes.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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