

Product Datasheet

p53 Antibody (M26-A)

NBP1-78987-0.1ml

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP1-78987-0.1ml

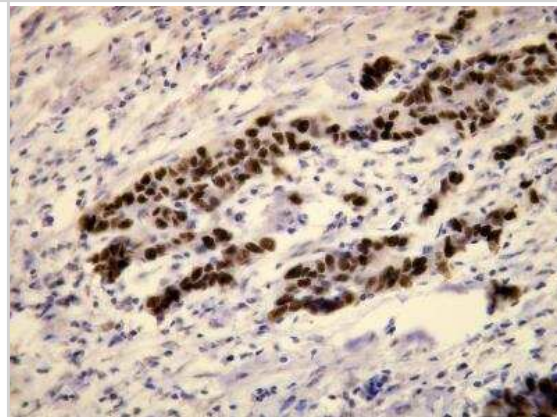
p53 Antibody (M26-A)

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	M26-A
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Tris-HCl (pH 8.0) and 20mg/ml BSA
Product Description	
Host	Rabbit
Gene ID	7157
Gene Symbol	TP53
Species	Human
Immunogen	Peptide derived from N-terminal sequence of human p53. Antibody recognizes the epitope between Ser46 - Pro67.
Notes	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:500

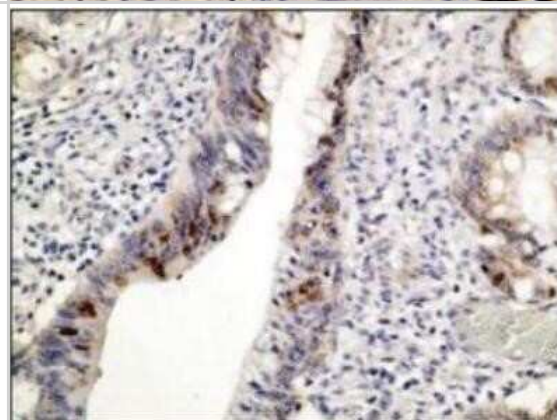


Images

Immunohistochemistry-Paraffin: p53 Antibody (M26-A) [NBP1-78987] - Ovarian high grade serous carcinoma with diffuse strong nuclear p53 expression. Formalin fixed, paraffin embedded human tissue (4 um section) stained with anti - p53 monospecific clonal antibody.



Immunohistochemistry-Paraffin: p53 Antibody (M26-A) [NBP1-78987] - Formalin-fixed and paraffin-embedded human colon carcinoma tissue (4 um) stained with anti-p53 antibody shows positive nuclear immunostaining of tumor cells. Kindly performed and provided by Katarina Poliakova, MD and Lubomir Straka, MD, Ph. D. from Clinical Pathology Presov, Ltd., Presov, Slovak republic.



Procedures

Immunohistochemistry-Paraffin protocol for p53 Antibody (NBP1-78987)

IHC-P Protocol (NBP1-78987):

1. Deparaffinize the section in 3 changes of xylene, 5 minutes each.
2. Wash the section in 96%, 80% and 70% benzyl alcohol for 5 minutes each.
3. Rinse in distilled water.
4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H₂O₂) for 10 minutes.
5. Wash in distilled water.
6. For antigen retrieval: immerse the slide in Tris-EDTA buffer, pH 9.0, 0.05% Tween-20*, and incubate in microwave (600W) for 10 minutes. (Alternatively adjust to your own protocol, keeping the required pH)
7. Remove the staining to room temperature and let the slide to cool (in Tris-EDTA buffer, pH 9.0) for 15 minutes.
8. Rinse in distilled water.
9. Wash in 0.05 M Tris-HCl , pH 7.6 buffer supplemented with 0.2% of Tween-20 (buffer A) for 5 minutes.
10. Incubate the section with primary antibody diluted in 0.05 M Tris-HCl, pH 7.6 buffer supplemented with 0.05% of Tween-20 at the dilution 1:100 - 500 for 1 hour in the closed wet chamber.
11. Wash twice 5 minutes with buffer A.
12. Apply the secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol (HRP - Peroxide - DAB).
13. Wash twice 5 minutes with buffer A.
14. Apply the chromogen (DAB), 10 minutes.
15. Rinse in water.
16. Stain in hematoxylin for 5 minutes.
17. Wash in water - 10 minutes.
18. Dehydrate the section in 2 changes of 96% benzyl alcohol for 5 minutes each.
19. Wash the section in 2 changes of xylene for 2 minutes each.
20. Mount the slide for observation





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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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