

Product Datasheet

Cytokeratin 14 Antibody (D19-N) NBP1-79069-100ul

Unit Size: 100 ul

Store at 4C. Do not freeze.

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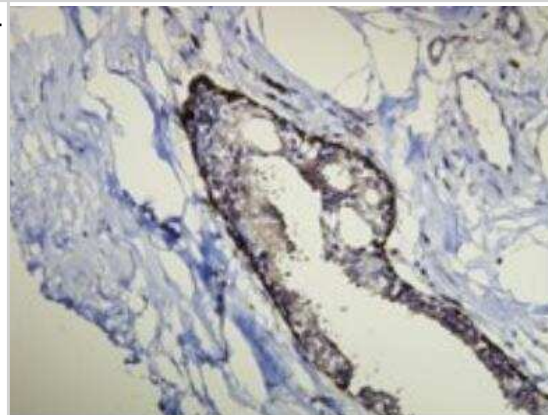
NBP1-79069-100ul**Cytokeratin 14 Antibody (D19-N)**

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	D19-N
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Tris-HCl (pH 8.0) and 20mg/ml BSA
Product Description	
Description	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Host	Rabbit
Gene ID	3861
Gene Symbol	KRT14
Species	Human
Immunogen	Peptide derived from C-terminal region of human cytokeratin 14. Antibody recognizes the epitope between Val455 - Lys471.
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 1:100-1:200
Application Notes	Although not tested this antibody may be useful in Immunohistochemistry frozen sections as well.



Images

Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (D19-N) [NBP1-79069] - CK14 expression in ductal myoepithelial cells of the breast. Formalin fixed, paraffin embedded human tissues (4 um sections) stained with anti-Cytokeratin 14 monospecific clonal antibody.



Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (D19-N) [NBP1-79069] - CK14 expression in the epidermal and skin-adnexal epithelial cells. All, formalin fixed, paraffin embedded human tissues (4 um sections) stained with anti-Cytokeratin 14 monospecific clonal antibody.



Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (D19-N) [NBP1-79069] - CK14 expression in the myoepithelial cells of DCIS of the breast. Formalin fixed, paraffin embedded human tissues (4 um sections) stained with anti-Cytokeratin 14 monospecific clonal antibody.



Procedures

Immunohistochemistry-Paraffin protocol for Cytokeratin 14 Antibody (NBP1-79069)

IHC-P protocol (NBP1-79069):

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 for 5 minutes.
6. For antigen retrieval: immerse the slide in Tris-EDTA buffer, pH 9.0, 0.05% Tween- 20*, and incubate at 95 degrees C in water bath for 30 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 buffer A at the dilution 1:100 - 200 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. Wash in water for 10 minutes.
16. Stain in hematoxylin for 5 minutes.
17. Wash in water for 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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Products Related to NBP1-79069-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72467-100ug	Recombinant Human Cytokeratin 14 His Protein

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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