

Product Datasheet

Alkaline Phosphatase/ALPP Antibody (P16-D) NBP1-30149-0.5ml

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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NBP1-30149-0.5ml**Alkaline Phosphatase/ALPP Antibody (P16-D)**

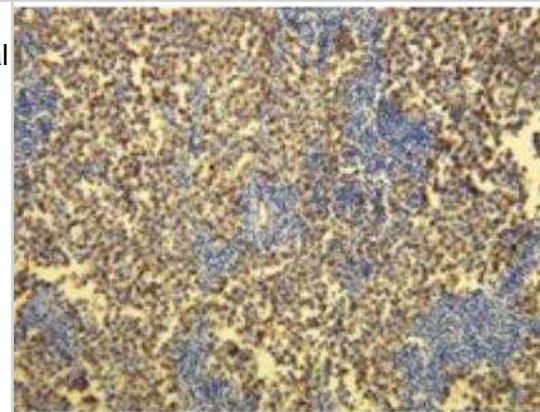
Product Information	
Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	P16-D
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM 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	250
Gene Symbol	ALPP
Species	Human
Specificity/Sensitivity	This antibody is specific to an internal portion of human PLAP sequence.
Immunogen	Peptide derived from the middle portion of human Alkaline Phosphatase/ALPP sequence. Antibody recognizes the epitope between Glu238 - Leu250.
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 1:100-200

Images

Immunohistochemistry-Paraffin: Alkaline Phosphatase/ALPP Antibody (P16-D) [NBP1-30149] - Diffuse cytoplasmic PLAP positivity in the typical seminoma. Formalin fixed, paraffin embedded human tissue (4 um section) stained with anti-PLAP antibody.



Procedures

Immunohistochemistry-Paraffin protocol for Alkaline Phosphatase/ALPP Antibody (NBP1-30149)

IHC-P protocol (NBP1-30149):

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 the citrate buffer, pH 6.0, 0.05% Tween-20*, and incubate in microwave (600W) for 5 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 citrate buffer, pH 6.0) 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 - 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 - 10 minutes.
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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