

Product Datasheet

Kappa Light Chain Antibody (H16-E) NBP1-30140-0.1ml

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP1-30140-0.1ml

Kappa Light Chain Antibody (H16-E)

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	H16-E
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Tris-HCl (pH 8.0) and 20mg/ml BSA

Product Description

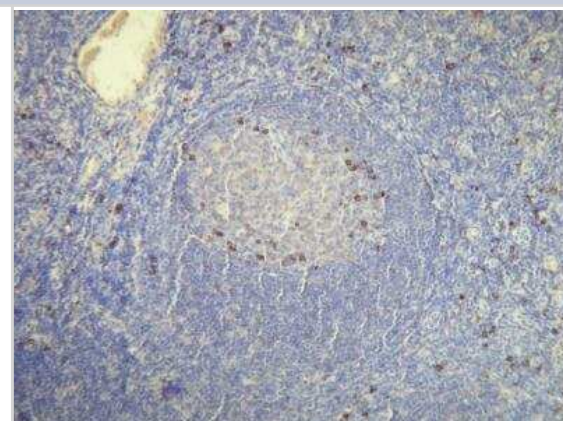
Description	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Host	Rabbit
Gene ID	3514
Gene Symbol	IGKC
Species	Human
Specificity/Sensitivity	This antibody is specific to the C terminus of Human IGKC
Immunogen	Peptide derived from C-terminal sequence of human kappa light chain IgG. Antibody recognizes the epitope between Gly92 - Gly104.
Notes	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:500

Images

Immunohistochemistry-Paraffin: Kappa Light Chain Antibody (H16-E) [NBP1-30140] - Human tissue (4 um section) stained with anti - Human Kappa light chain (DB 038) monospecific clonal antibody.

**Publications**

Wt, Takeuchi E, Oka S et al. Localized primary amyloidosis of the breast: a case report and review of the literature. BMC Surgery 2016-09-13 [PMID: 27624800]

Procedures

Immunohistochemistry-Paraffin protocol for Kappa Light Chain Antibody (NBP1-30140)

IHC-P protocol (NBP1-30140):

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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Products Related to NBP1-30140-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003514-P01-10ug	Recombinant Human Kappa Light Chain GST (N-Term) 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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