

Product Datasheet

Cytokeratin 5/14 Antibody (XM26/LL002) NB110-59922

Unit Size: 6 ml

Store at 4C.

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Publications: 2

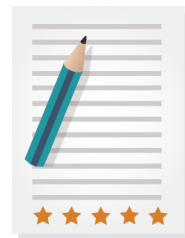
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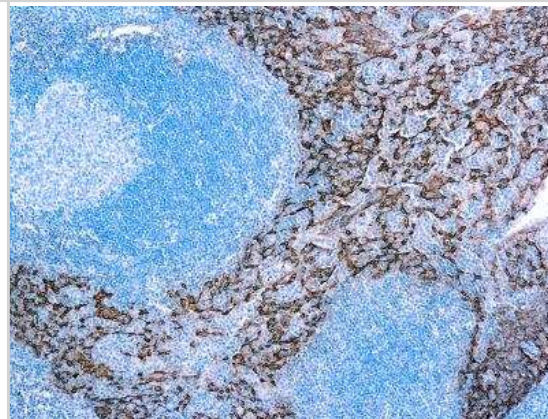
NB110-59922**Cytokeratin 5/14 Antibody (XM26/LL002)**

Product Information	
Unit Size	6 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	XM26/LL002
Preservative	0.05% Sodium Azide
Isotype	IgG1/IgG3
Purity	Protein A or G purified
Buffer	PBS (pH 7.4), 0.2% BSA, Tween-20
Product Description	
Description	This product has a prediluted size available. If a 6mL or 7mL pre-diluted size is purchased this product can be used Neat (without further dilution). Use recommended dilution for the concentrated vials only.
Host	Mouse
Gene ID	3852
Gene Symbol	KRT5
Species	Human
Specificity/Sensitivity	This antibody cocktail reacts with cytokeratin 5 intermediate filament protein as well as to 50 kD cytokeratin protein designated cytokeratin 14. Basal cells of human epidermis express acidic cytokeratin 14 and basic cytokeratin 5. Cytokeratin 5 is a 58 kD protein which is closely related to cytokeratin 6. Cytokeratin 5 and 6 are expressed in basal cell epithelioma, basal cells of prostate, urothelium, vagina, squamous cell carcinomas of skin, tongue, epiglottis, and in the rectal-anal region. Cytokeratin 5 can be useful in the distinction of mesotheliomas from most adenocarcinomas. Cytokeratin 14 belongs to the type A (acidic) subfamily of low MW cytokeratins and exists in combination with cytokeratin 15. This antibody can be useful to distinguish stratified epithelial cells from simple epithelial cells.
Immunogen	XM26: prokaryotic recombinant protein corresponding to 103 amino acid portion of C-terminal region of the human cytokeratin 5 molecule. LL002: Synthetic peptide of the extreme c-terminal of human keratin-14
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:25-1:75, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:25-1:75
Application Notes	IHC-P: recommended pretreatment of citrate buffer, pH 6.0. Recommended incubation time of 30 min at RT.



Images

Immunohistochemistry-Paraffin: Cytokeratin 5/14 Antibody (XM26 & LL002) [NB110-59922] - Formalin fixed paraffin embedded human tonsil stained with Cytokeratin 5/14 (NB110-59922).



Publications

Peramo A, Feinberg SE, Marcelo CL. Characterization of cultured epithelial cells using a novel technique not requiring enzymatic digestion for subculturing Cell Tissue Bank 2012-11-13 [PMID: 23149549] (ICC/IF, Human)

Marcelo CL, Peramo A, Ambati A, Feinberg SE. Characterization of a unique technique for culturing primary adult human epithelial progenitor/"stem" cells BMC Dermatol 2012-06-24 [PMID: 22726819] (IF/IHC, Human)



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Products Related to NB110-59922

NB820-59254	Human Skin Whole Tissue Lysate (Adult Whole Normal)
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
1129-ER-050	ErbB2/Her2 [Unconjugated]

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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