

Product Datasheet

Cytokeratin 5/6 Antibody (KRT5.6/4866) - Azide and BSA Free NBP3-08683

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08683

Cytokeratin 5/6 Antibody (KRT5.6/4866) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	KRT5.6/4866
Preservative	No Preservative
Isotype	IgG1 Kappa/IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07646). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	3852
Gene Symbol	KRT5
Species	Human
Marker	Basal, Myoepithelial & Mesothelial Cell Marker
Specificity/Sensitivity	It recognizes polypeptides of 58kDa and 56kDa, identified as cytokeratin 5 and 6 respectively. It shows no reaction with keratin 1, 8, or 19. It stains the basal cells of squamous and glandular epithelia, part of stratum spinosum of squamous epithelium, myoepithelium, and mesothelium. It does not stain adenous epithelium. Therefore, this antibody can be used to distinguish squamous carcinoma from adenocarcinoma, and to differentiate epithelioid mesothelioma from non-epithelioid mesothelioma and adenocarcinoma. It is also a useful antibody in the identification of mesothelioma and lung squamous cell carcinoma. It does not react with pulmonary adenocarcinoma.
Immunogen	Recombinant full-length human Cytokeratin 5/6 protein

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



Images

Immunohistochemistry-Paraffin: Cytokeratin 5/6 Antibody (KRT5.6/4866) 
- Azide and BSA Free [NBP3-08683] - Formalin-fixed, paraffin-
embedded human squamous cell carcinoma stained with Cytokeratin 5/6
Mouse Monoclonal Antibody (KRT5.6/4866).

Immunohistochemistry-Paraffin: Cytokeratin 5/6 Antibody (KRT5.6/4866) 
- Azide and BSA Free [NBP3-08683] - Formalin-fixed, paraffin-
embedded human prostate stained with Cytokeratin 5/6 Mouse
Monoclonal Antibody (KRT5.6/4866).





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Products Related to NBP3-08683

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
1129-ER-050	ErbB2/Her2 [Unconjugated]
NB100-309	ATM Antibody (2C1) - Azide and BSA Free

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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