

Product Datasheet

Cytokeratin 5/6 Antibody (KRT5.6/4866) NBP3-07646-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07646-100ug**Cytokeratin 5/6 Antibody (KRT5.6/4866)**

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	KRT5.6/4866
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa/IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08683) 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) [NBP3-07646] - Formalin-fixed, paraffin-embedded human prostate stained with Cytokeratin 5/6 Mouse Monoclonal Antibody (KRT5.6/4866). 

Immunohistochemistry-Paraffin: Cytokeratin 5/6 Antibody (KRT5.6/4866) [NBP3-07646] - Formalin-fixed, paraffin-embedded human squamous cell carcinoma stained with Cytokeratin 5/6 Mouse Monoclonal Antibody (KRT5.6/4866). 



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Products Related to NBP3-07646-100ug

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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