

# Product Datasheet

## Cytokeratin 8/18 Antibody (K8.8 + DC10) - IHC-Prediluted NBP2-44927

Unit Size: 7 ml

Store at 4C.

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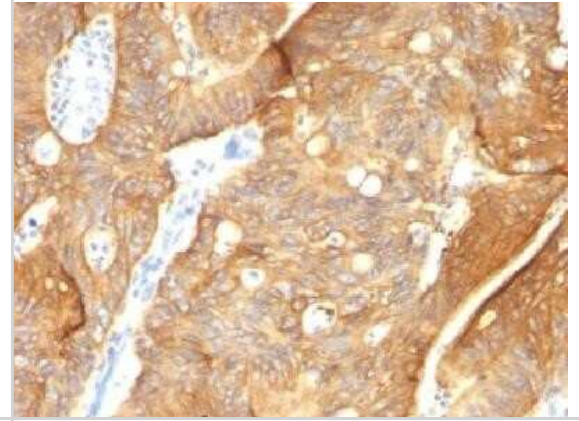
**NBP2-44927****Cytokeratin 8/18 Antibody (K8.8 + DC10) - IHC-Prediluted**

<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	K8.8 + DC10
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa/IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	3856
<b>Gene Symbol</b>	KRT8
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). This monoclonal antibody cocktail recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium. All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative. This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained. Immunohistochemical staining with this monoclonal antibody is indistinguishable from that obtained with monoclonal antibody 5D3.
<b>Immunogen</b>	Keratin preparation from a human carcinoma (K8.8); PMC-42 human breast carcinoma cells (DC10)
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min 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.

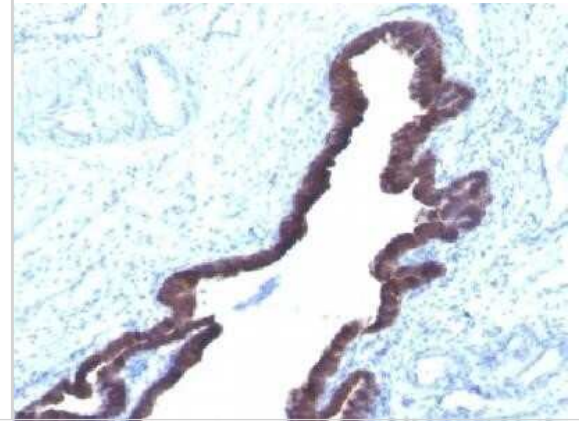


## Images

Immunohistochemistry-Paraffin: Cytokeratin 8/18 Antibody (K8.8 + DC10) - IHC-Prediluted [NBP2-44927] - Formalin-fixed paraffin-embedded human colon carcinoma stained with cytokeratin 8/18 Monoclonal Antibody (K8.8 +DC10)



Immunohistochemistry-Paraffin: Cytokeratin 8/18 Antibody (K8.8 + DC10) - IHC-Prediluted [NBP2-44927] - Formalin-fixed, paraffin-embedded human Ovarian cancer stained with Cytokeratin 8/18 Monoclonal Antibody (K8.8 + DC10).





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### **Products Related to NBP2-44927**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
8184-CK-050	Choline Kinase beta [Unconjugated]
MAB1368	alpha-Fetoprotein/AFP Antibody (189502) [Unconjugated]

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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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