

# Product Datasheet

## Cytokeratin 8/18 Antibody (KRT8/803 + KRT18/835) - IHC- Prediluted NBP2-48178

Unit Size: 7 ml

Store at 4C.

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**NBP2-48178**

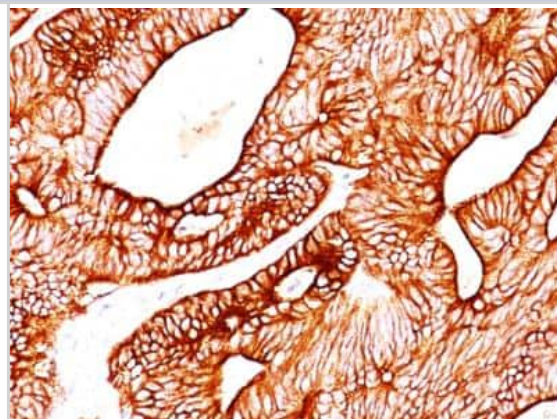
Cytokeratin 8/18 Antibody (KRT8/803 + KRT18/835) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	KRT8/803 + KRT18/835
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa/IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	3856
Gene Symbol	KRT8
Species	Human
Specificity/Sensitivity	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. Immuno-histochemical staining with this monoclonal antibody is indistinguishable from that obtained with monoclonal antibody 5D3.
Immunogen	Recombinant full-length human KRT8 protein (KRT8/803); Recombinant full-length human KRT18 protein (KRT18/835)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 0.1-0.2ug/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.

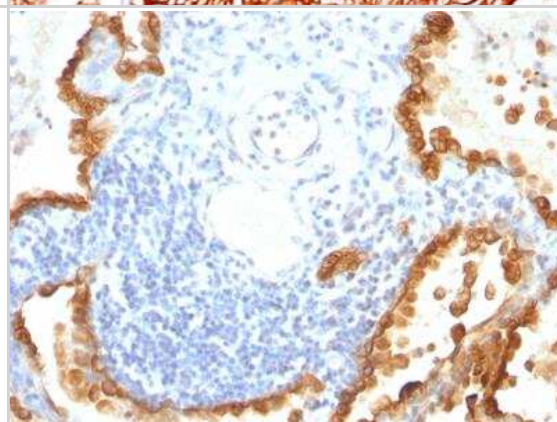


## Images

Immunohistochemistry-Paraffin: Cytokeratin 8/18 Antibody (KRT8/803 + KRT18/835) - IHC-Prediluted [NBP2-48178] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (KRT8/803 + KRT18/835).



Immunohistochemistry-Paraffin: Cytokeratin 8/18 Antibody (KRT8/803 + KRT18/835) - IHC-Prediluted [NBP2-48178] - Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (KRT8/803 + KRT18/835).



Immunohistochemistry-Paraffin: Cytokeratin 8/18 Antibody (KRT8/803 + KRT18/835) - IHC-Prediluted [NBP2-48178] - Formalin-fixed, paraffin-embedded human Ovarian Cancer stained with Cytokeratin 8/18 Monoclonal Antibody (KRT8/803 + KRT18/835).





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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]
NB300-223	Vimentin Antibody

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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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