

Product Datasheet

Cytokeratin 18 Antibody (KRT18/834) - IHC-Prediluted NBP2-48056

Unit Size: 7 ml

Store at 4C.

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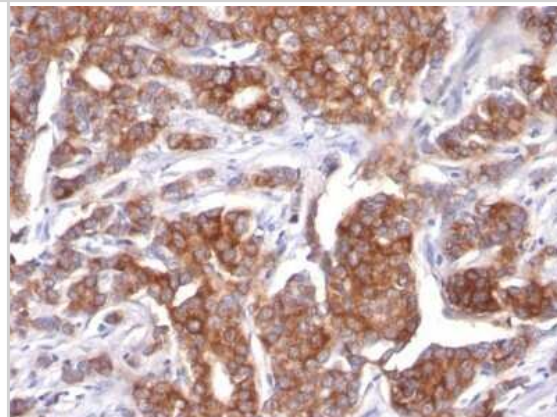
NBP2-48056**Cytokeratin 18 Antibody (KRT18/834) - IHC-Prediluted**

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	KRT18/834
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	45 kDa
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	3875
Gene Symbol	KRT18
Species	Human, Bovine (Negative), Canine (Negative), Hamster (Negative), Mouse (Negative), Porcine (Negative), Rat (Negative), Sheep (Negative)
Reactivity Notes	Does not react with Mouse, Rat, Sheep, Hamster, Bovine, Canine or Porcine.
Marker	Epithelial Marker
Specificity/Sensitivity	This monoclonal antibody reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid. Cytokeratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins, exists in combination with cytokeratin 8. It is reported that tissues from gastrointestinal tract are positive for both cytokeratin 8 and 18 but do not contain cytokeratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for cytokeratin 18.
Immunogen	Recombinant full-length human Cytokeratin 18 protein (Uniprot: P05783)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	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.

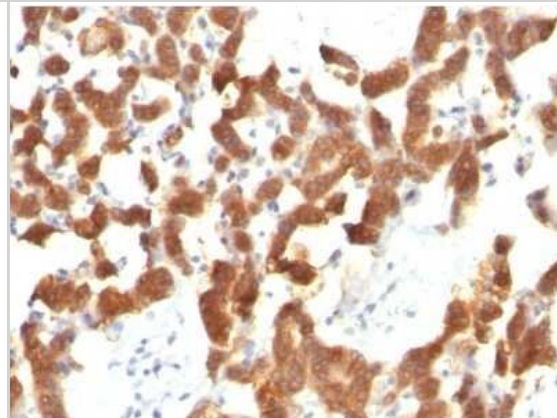


Images

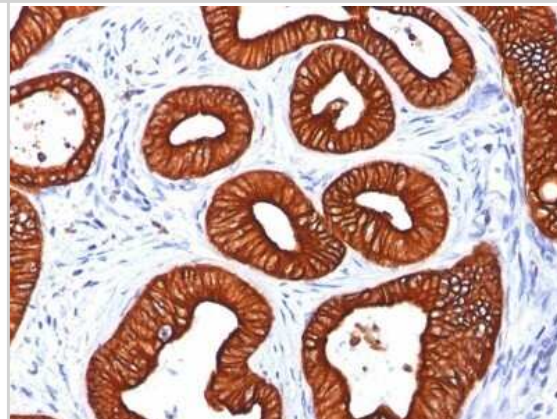
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (KRT18/834) - IHC-Prediluted [NBP2-48056] - Human Breast Carcinoma stained with Cytokeratin 18 Monoclonal Antibody (KRT18/834).



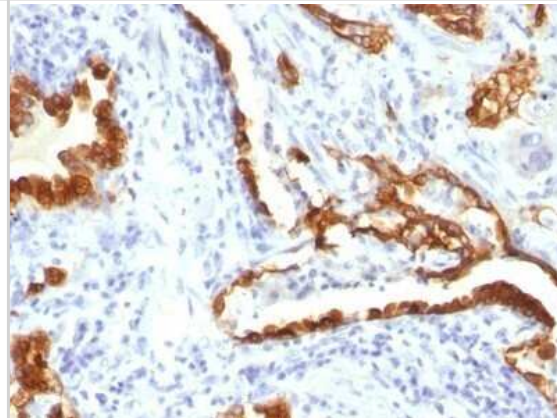
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (KRT18/834) - IHC-Prediluted [NBP2-48056] - Formalin-fixed, paraffin-embedded human Thyroid Carcinoma stained with Cytokeratin 18 Antibody (KRT18/834).



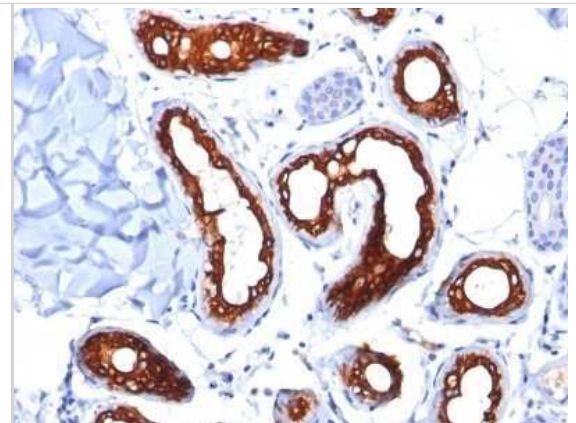
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (KRT18/834) - IHC-Prediluted [NBP2-48056] - Human Colon Carcinoma stained with Cytokeratin 18 Monoclonal Antibody (KRT18/834).



Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (KRT18/834) - IHC-Prediluted [NBP2-48056] - Human Lung Carcinoma stained with Cytokeratin 18 Monoclonal Antibody (KRT18/834).



Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (KRT18/834) - IHC-Prediluted [NBP2-48056] - Human Skin stained with Cytokeratin 18 Monoclonal Antibody (KRT18/834).





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Products Related to NBP2-48056

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003875-P02-10ug	Recombinant Human Cytokeratin 18 GST (N-Term) Protein

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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