

# Product Datasheet

## Cytokeratin 18 Antibody (KRT18/835) [Alexa Fluor™ Plus 488]

**NBP2-47986AFP488**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47986AFP488**

Cytokeratin 18 Antibody (KRT18/835) [Alexa Fluor™ Plus 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	KRT18/835
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Alexa Fluor Plus 488
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3875
<b>Gene Symbol</b>	KRT18
<b>Species</b>	Human, Bovine (Negative), Canine (Negative), Hamster (Negative), Porcine (Negative), Rat (Negative), Sheep (Negative)
<b>Reactivity Notes</b>	Does not react with Rat, Sheep, Hamster, Bovine, Canine or Porcine.
<b>Marker</b>	Epithelial Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Recombinant full-length human Cytokeratin 18 protein (Uniprot: P05783)

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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Protein Array
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Protein Array
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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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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