

# Product Datasheet

## **Cytokeratin 18 Antibody (C-04 (same as Ks18.04)) [Alexa Fluor® 405] NBP3-11485AF405**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11485AF405**

Cytokeratin 18 Antibody (C-04 (same as Ks18.04)) [Alexa Fluor® 405]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	C-04 (same as Ks18.04)
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3875
Gene Symbol	KRT18
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Equine, Feline, Goat, Hamster, Ferret, Monkey, Sheep, Chicken (Negative), Xenopus (Negative)
Reactivity Notes	Marmoset Monkey. Does not react with Chicken or Xenopus.
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 was 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	Cytoskeletal preparation extracted from the human vulvar squamous carcinoma cell line A431

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



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### **Products Related to NBP3-11485AF405**

IC002V	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 405]
H00003875-P02-10ug	Recombinant Human Cytokeratin 18 GST (N-Term) Protein
D6050	IL-6 [HRP]
H00003875-P01-10ug	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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