

# Product Datasheet

## Cytokeratin 18 Antibody (rKRT18/7299) - Azide and BSA Free NBP3-20911

Unit Size: 100 ug

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-20911**

Cytokeratin 18 Antibody (rKRT18/7299) - Azide and BSA Free

| <b>Product Information</b> |                                                 |
|----------------------------|-------------------------------------------------|
| <b>Unit Size</b>           | 100 ug                                          |
| <b>Concentration</b>       | 1 mg/ml                                         |
| <b>Storage</b>             | Store at -20 to -70C. Avoid freeze-thaw cycles. |
| <b>Clonality</b>           | Monoclonal                                      |
| <b>Clone</b>               | rKRT18/7299                                     |
| <b>Preservative</b>        | No Preservative                                 |
| <b>Isotype</b>             | IgG1 Kappa                                      |
| <b>Purity</b>              | Protein A or G purified                         |
| <b>Buffer</b>              | 10mM PBS                                        |

| <b>Product Description</b>     |                                                                                                                                                                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | Positive Controls: A549, HEP-2, MCF-7 or HeLa cells. Human breast or prostate cancer.<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.                    |
| <b>Host</b>                    | Mouse                                                                                                                                                                                                                                   |
| <b>Gene ID</b>                 | 3875                                                                                                                                                                                                                                    |
| <b>Gene Symbol</b>             | KRT18                                                                                                                                                                                                                                   |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                   |
| <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 |
| <b>Immunogen</b>               | Recombinant full-length human Cytokeratin 18 protein                                                                                                                                                                                    |

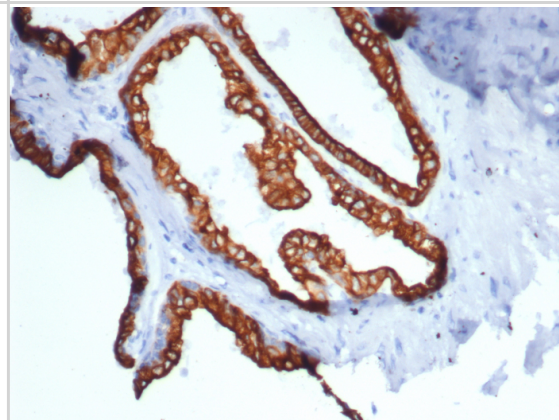
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                     |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin                                                                                                                                                                                                                |
| <b>Recommended Dilutions</b>       | Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml                                                                                                                                                             |
| <b>Application Notes</b>           | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. 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.<br><br>Optimal dilution for a specific application should be determined. |

## Images

Formalin-fixed, paraffin-embedded human prostate carcinoma stained with Cytokeratin 18 antibody (rKRT18/7299). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human prostate carcinoma stained with Cytokeratin 18 antibody (rKRT18/7299). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min





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### **Products Related to NBP3-20911**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| 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-P01-10ug | Recombinant Human Cytokeratin 18 GST (N-Term) Protein   |

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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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