

# Product Datasheet

## Cytokeratin, HMW Antibody (rKRTH/2148) [Janelia Fluor® 669]

**NBP3-08283JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



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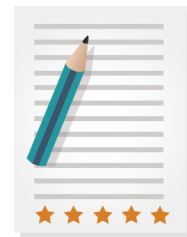
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**NBP3-08283JF669**

Cytokeratin, HMW Antibody (rKRTH/2148) [Janelia Fluor® 669]

| <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>                       | rKRTH/2148  |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG1 Kappa  |
| <b>Conjugate</b>                   | Janelia Fluor 669   |
| <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>                     | 51350   |
| <b>Gene Symbol</b>                 | KRT76   |
| <b>Species</b>                     | Human, Mouse, Rat   |
| <b>Specificity/Sensitivity</b>     | This antibody recognizes CK1, CK5, CK10 and CK14. In normal epithelia, it stains stratified epithelia, myoepithelial cells and basal cells in the prostate gland and bronchi. This monoclonal antibody shows no reactivity with hepatocytes, pancreatic acinar cells, proximal renal tubules, or endometrial glands; there is no reactivity with cells derived from simple epithelia. Mesenchymal tumors, lymphomas, melanomas, neural tumors, and neuroendocrine tumors are negative with this antibody. It stains myoepithelial cells and has been shown to be useful in distinguishing prostate adenocarcinoma from benign prostate. This antibody has also been useful in separating benign from malignant intraductal breast proliferations. |
| <b>Immunogen</b>                   | Solubilized keratin extract from human stratum corneum  |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Immunohistochemistry-Paraffin   |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Paraffin   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP3-08283JF669**

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|                    |   |
|--------------------|---|
| H00051350-P01-10ug | Recombinant Human Cytokeratin, HMW GST (N-Term) Protein |
| DTM100             | TIMP-1 [HRP]  |
| NBP2-07126         | Cytokeratin, HMW Overexpression Lysate                  |
| NB200-106          | p19ARF/CDKN2A Antibody - BSA Free                       |

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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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