

# Product Datasheet

## Basal cell cytokeratin Antibody (RCK103) [Janelia Fluor® 646]

**NBP1-97729JF646**

Unit Size: 0.1 ml

Store at 4C in the dark.

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Basal cell cytokeratin Antibody (RCK103) [Janelia Fluor® 646]

| 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                       | RCK103                                                                                                                                                                                                                                                                                      |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                          |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                        |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                                                                                           |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                     |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                                             |
| Host                        | Mouse                                                                                                                                                                                                                                                                                       |
| Species                     | Human, Rat, Porcine, Avian, Canine, Chicken, Guinea Pig, Hamster, Rabbit, Zebrafish                                                                                                                                                                                                         |
| Specificity/Sensitivity     | This antibody is a Cytokeratin antibody recognizing (amongst others) Cytokeratin 5. This monoclonal antibody stains basal cells in combined and stratified epithelial tissues. It recognizes the stem cell population, including the so-called amplifying cells in the prostate epithelium. |
| Immunogen                   | Derived by fusion of SP2/0-Ag14 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with a mix of cell preparations containing Human Cytokeratins.                                                                                                                          |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                             |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen                                                                                                                                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                      |





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### **Products Related to NBP1-97729JF646**

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|                 |                                                      |
|-----------------|------------------------------------------------------|
| NBP1-97005JF646 | Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 646] |
|-----------------|------------------------------------------------------|

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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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