

# Product Datasheet

## Cytokeratin 5 Antibody (KRT5/7500R) [Janelia Fluor® 525] NBP3-20714JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-20714JF525**

Cytokeratin 5 Antibody (KRT5/7500R) [Janelia Fluor® 525]

| 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               | KRT5/7500R                                                                                  |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG Kappa                                                                                   |
| Conjugate           | Janelia Fluor 525                                                                           |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID                 | 3852                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol             | KRT5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity | Anti-cytokeratin 5 has been reported useful in the differential diagnosis of metastatic carcinoma in the pleura versus epithelioid mesothelioma. Almost all squamous cell carcinomas, half of transitional carcinomas, and many undifferentiated large cell carcinomas express. Anti-KRT5, along with anti-p63, affords a high sensitivity and specificity for squamous differentiation. Myoepithelial cells of the breast, glandular epithelia, and basal cells of the prostate are labeled with anti-KRT5. |
| Immunogen               | Recombinant fragment (around aa 316-590) of human Cytokeratin 5 protein (exact sequence is proprietary)                                                                                                                                                                                                                                                                                                                                                                                                      |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Immunohistochemistry-Paraffin                                          |
| Recommended Dilutions       | Immunohistochemistry-Paraffin                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-20714JF525**

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|                  |                                             |
|------------------|---------------------------------------------|
| NBP2-51653-0.1mg | Recombinant Human Cytokeratin 5 His Protein |
| 1129-ER-050      | ErbB2/Her2 [Unconjugated]                   |
| NBL1-12393       | Cytokeratin 5 Overexpression Lysate         |
| NB100-309        | ATM Antibody (2C1)                          |

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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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