

# Product Datasheet

## Cytokeratin 14 Antibody (KRT14/4131) [DyLight 755] NBP3-20723IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-20723IR**

Cytokeratin 14 Antibody (KRT14/4131) [DyLight 755]

| <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>                       | KRT14/4131  |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG1 Kappa  |
| <b>Conjugate</b>                   | DyLight 755   |
| <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>                     | 3861  |
| <b>Gene Symbol</b>                 | KRT14   |
| <b>Species</b>                     | Human   |
| <b>Specificity/Sensitivity</b>     | Anti-CK14 is useful in differentiating squamous cell carcinomas from poorly differentiated epithelial tumors Anti-CK14 is one of the specific basal markers for distinguishing between basal and non-basal subtypes of breast carcinomas Anti-CK14 is also a good marker for differentiation of intraductal from invasive salivary duct carcinoma by the positive staining of basal cells surrounding the in-situ neoplasm as well as for differentiation of benign prostate from prostate carcinoma Furthermore, this antibody has been useful in separating oncocytic tumors of the kidney from its renal mimics, and in identifying metaplastic carcinomas of the breast |
| <b>Immunogen</b>                   | Recombinant fragment (around aa351-472) of human Cytokeratin 14 protein (exact sequence is proprietary)   |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |
| <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 NBP3-20723IR**

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|                    |   |
|--------------------|---|
| NBP1-43319IR-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 755] |
| NBP1-72467-100ug   | Recombinant Human Cytokeratin 14 His Protein                |
| 1129-ER-050        | ErbB2/Her2 [Unconjugated]                                   |
| NBP1-84917PEP      | Cytokeratin 14 Recombinant Protein Antigen                  |

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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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