

# Product Datasheet

## Cytokeratin, HMW Antibody (rKRTH/8883) [DyLight 550] NBP3-24000R

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-24000R**

Cytokeratin, HMW Antibody (rKRTH/8883) [DyLight 550]

| 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                       | rKRTH/8883                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Conjugate                   | DyLight 550                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                     | 51350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Symbol                 | KRT76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity Notes            | Expected to show broad species reactivity.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity/Sensitivity     | This monoclonal antibody recognizes basic (Type II or HMW) cytokeratins, which include 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8). Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50, 48, 46, 45, and 40kDa. monoclonal antibody AE3 recognizes the 65-67, 64, 59, 58, 56, and 52kDa keratins of basic subfamily. |
| Immunogen                   | Recombinant full-length human Cytokeratin, HMW protein                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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 NBP3-24000R**

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| NBP1-43317R        | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [DyLight 550] |
| H00051350-P01-10ug | Recombinant Human Cytokeratin, HMW GST (N-Term) Protein            |
| DTM100             | TIMP-1 [HRP]                                                       |
| NBP2-07126         | Cytokeratin, HMW Overexpression Lysate                             |

### **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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