

# Product Datasheet

## Cytokeratin, HMW Antibody (KRTH/1076) [DyLight 405] NBP2-47690V

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47690V**

Cytokeratin, HMW Antibody (KRTH/1076) [DyLight 405]

| 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               | KRTH/1076                                                                                   |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | DyLight 405                                                                                 |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                                                                                                                                                                                                                                                                                     |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene ID                 | 51350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol             | KRT76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                 | Human, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity Notes        | Shows broad species reactivity.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Marker                  | Epithelial Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. |
| Immunogen               | Recombinant human Cytokeratin, HMW protein (Uniprot: Q01546)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                         |

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





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### **Products Related to NBP2-47690V**

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| NBP1-43319V-0.5ml  | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 405] |
| 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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