

# Product Datasheet

## Cytokeratin, HMW Antibody (KRTH/1576R) [Biotin] NBP2-54589B

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 10/26/2023 v.20.1

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**NBP2-54589B**

Cytokeratin, HMW Antibody (KRTH/1576R) [Biotin]

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| 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/1576R                                                                                  |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG                                                                                         |
| Conjugate           | Biotin                                                                                      |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | PBS                                                                                         |

| 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                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene ID                 | 51350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Symbol             | KRT76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Species                 | Human, Canine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity Notes        | Expected to show 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. monoclonal antibody AE3 recognizes the 65-67, 64, 59, 58, 56, and 52kDa keratins of basic subfamily. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. |
| Immunogen               | Recombinant full-length human Cytokeratin, HMW protein (Uniprot: Q01546)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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





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### **Products Related to NBP2-54589B**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| NBP2-24891B        | Rabbit IgG Isotype Control [Biotin]                     |
| H00051350-P01-10ug | Recombinant Human Cytokeratin, HMW GST (N-Term) Protein |
| DTM100             | TIMP-1 [HRP]                                            |
| NBP2-07126         | Cytokeratin, HMW Overexpression Lysate                  |

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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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