

# Product Datasheet

## Cytokeratin 5 Antibody (KRT5/7500R)

### NBP3-20232-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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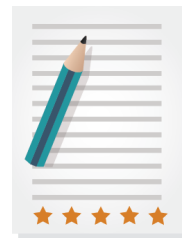
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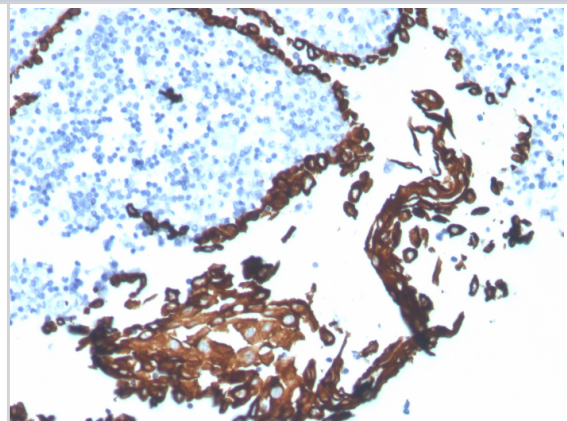


**NBP3-20232-100ug****Cytokeratin 5 Antibody (KRT5/7500R)**

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 100 ug   |
| <b>Concentration</b>               | 0.2 mg/ml  |
| <b>Storage</b>                     | Store at 4C. Do not freeze.  |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | KRT5/7500R   |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG Kappa  |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 10mM PBS with 0.05% BSA  |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | Positive Controls: Human tonsil, esophagus or bladder tissue (IHC).<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.   |
| <b>Host</b>                        | Rabbit   |
| <b>Gene ID</b>                     | 3852   |
| <b>Gene Symbol</b>                 | KRT5   |
| <b>Species</b>                     | Human  |
| <b>Specificity/Sensitivity</b>     | 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. |
| <b>Immunogen</b>                   | Recombinant fragment (around aa 316-590) of human Cytokeratin 5 protein (exact sequence is proprietary)  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry-Paraffin 1-2 ug/ml  |
| <b>Application Notes</b>           | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.<br><br>Optimal dilution for a specific application should be determined.  |

## Images

Formalin-fixed, paraffin-embedded human tonsil stained with Cytokeratin 5 antibody (KRT5/7500R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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### **Products Related to NBP3-20232-100ug**

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|                  |   |
|------------------|---|
| HAF008           | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160           | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-51653-0.1mg | Recombinant Human Cytokeratin 5 His Protein         |
| 1129-ER-050      | ErbB2/Her2 [Unconjugated]                           |

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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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