

# Product Datasheet

## **Ku80/XRCC5 Antibody (XRCC5/8703R) - Azide and BSA Free** **NBP3-21134**

Unit Size: 100 ug

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-21134**

Ku80/XRCC5 Antibody (XRCC5/8703R) - Azide and BSA Free

| Product Information |   |
|---------------------|---|
| Unit Size           | 100 ug  |
| Concentration       | 1 mg/ml   |
| Storage             | Store at -20 to -70C. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal                                      |
| Clone               | XRCC5/8703R                                     |
| Preservative        | No Preservative                                 |
| Isotype             | IgG1 Kappa                                      |
| Purity              | Protein A or G purified                         |
| Buffer              | 10mM PBS  |

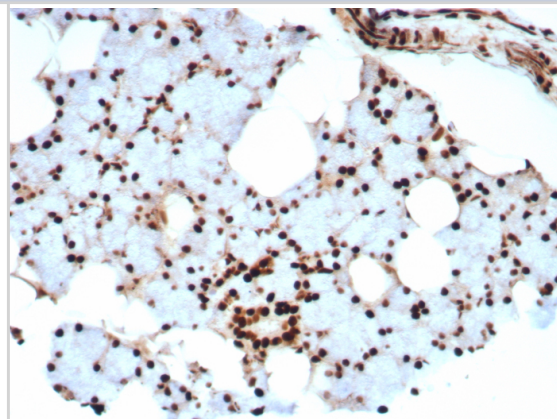
| Product Description |  |
|---------------------|--|
| Description         | <p>Positive Controls: HeLa, MOLT-4, MCF-7 or HT29 cells. Human thyroid or lymph node.</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.</p> |
| Host                | Rabbit   |
| Gene ID             | 7520   |
| Gene Symbol         | XRCC5  |
| Species             | Human  |
| Immunogen           | Recombinant fragment (around aa300-500) of human Ku80/XRCC5 (exact sequence is proprietary)  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Immunohistochemistry-Paraffin 1-2 ug/ml  |
| Application Notes           | <p>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.</p> <p>Optimal dilution for a specific application should be determined.</p> |

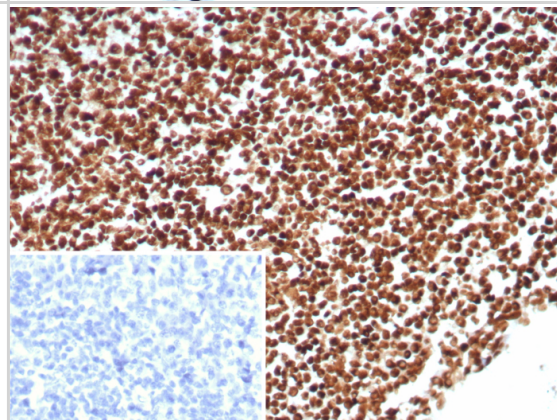


## Images

Formalin-fixed, paraffin-embedded human salivary gland stained with Ku80/XRCC5 antibody (XRCC5/8703R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human tonsil stained with Ku80/XRCC5 antibody (XRCC5/8703R). Inset: PBS instead of primary antibody; secondary only negative control.





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### **Products Related to NBP3-21134**

|                   |   |
|-------------------|---|
| HAF008            | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160            | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| H00007520-P01-2ug | Recombinant Human Ku80/XRCC5 GST (N-Term) Protein   |
| NBL1-17918        | Ku80/XRCC5 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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