

# Product Datasheet

## **Ku80/XRCC5 Antibody (XRCC5/7317)** **NBP3-13796-100ug**

Unit Size: 100 ug

Store at 4C.

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**NBP3-13796-100ug**

Ku80/XRCC5 Antibody (XRCC5/7317)

**Product Information**

|                      |                          |
|----------------------|--------------------------|
| <b>Unit Size</b>     | 100 ug                   |
| <b>Concentration</b> | 0.2 mg/ml                |
| <b>Storage</b>       | Store at 4C.             |
| <b>Clonality</b>     | Monoclonal               |
| <b>Clone</b>         | XRCC5/7317               |
| <b>Preservative</b>  | 0.05% Sodium Azide       |
| <b>Isotype</b>       | IgG1 Kappa               |
| <b>Purity</b>        | Protein A or G purified  |
| <b>Buffer</b>        | 10 mM PBS with 0.05% BSA |

**Product Description**

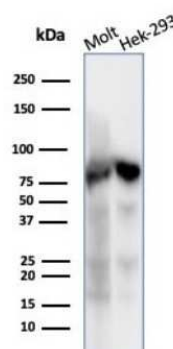
|                    |  |
|--------------------|--|
| <b>Description</b> | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-14018)<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C. Non-hazardous.<br><br>Theoretical molecular weight: 80-86kDa |
| <b>Host</b>        | Mouse  |
| <b>Gene ID</b>     | 7520   |
| <b>Gene Symbol</b> | XRCC5  |
| <b>Species</b>     | Human  |
| <b>Immunogen</b>   | Recombinant fragment (around aa300-500) of human Ku80/XRCC5 (exact sequence is proprietary) (Uniprot: P13010 )   |

**Product Application Details**

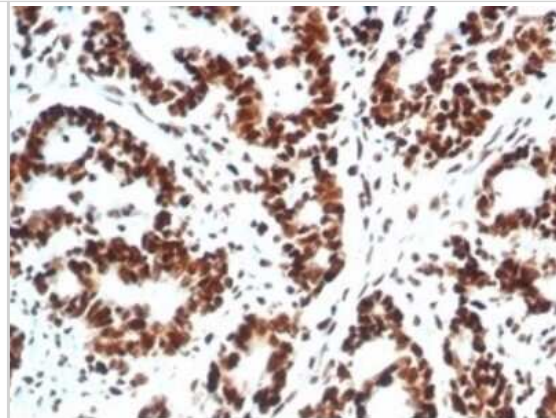
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b> | Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml  |
| <b>Application Notes</b>     | Immunohistochemistry (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 |

**Images**

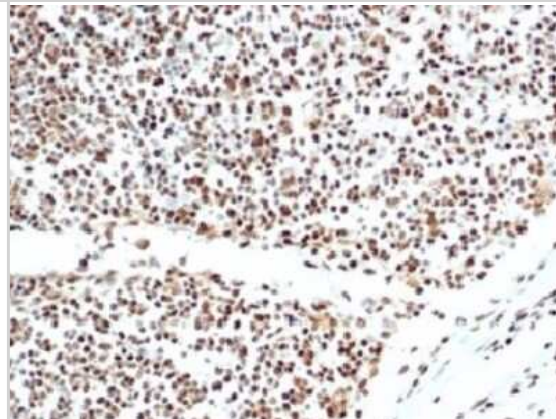
Western Blot: Ku80/XRCC5 Antibody (XRCC5/7317) [NBP3-13796] - Western blot analysis of MOLT-4 and HEK293 cell lysates using Ku80/XRCC5 antibody (XRCC5/7317).



Immunohistochemistry-Paraffin: Ku80/XRCC5 Antibody (XRCC5/7317) [NBP3-13796] - Formalin-fixed, paraffin-embedded human colon carcinoma stained with Ku80/XRCC5 antibody (XRCC5/7317). HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



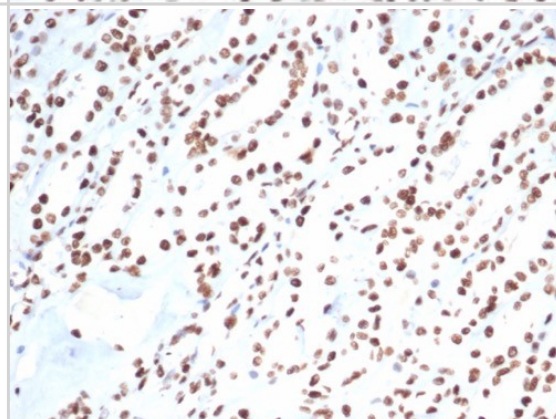
Immunohistochemistry-Paraffin: Ku80/XRCC5 Antibody (XRCC5/7317) [NBP3-13796] - Formalin-fixed, paraffin-embedded human lymph node stained with Ku80/XRCC5 antibody (XRCC5/7317). HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



Immunohistochemistry-Paraffin: Ku80/XRCC5 Antibody (XRCC5/7317) [NBP3-13796] - Formalin-fixed, paraffin-embedded human kidney stained with Ku80/XRCC5 antibody (XRCC5/7317). HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human kidney stained with Ku80/XRCC5 antibody (XRCC5/7317). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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### **Products Related to NBP3-13796-100ug**

|                   |   |
|-------------------|---|
| HAF007            | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B           | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg  | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| H00007520-P01-2ug | Recombinant Human Ku80/XRCC5 GST (N-Term) Protein       |

### **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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