

# Product Datasheet

## SAMHD1 Antibody (4C7B3)

### NBP3-16448-100ul

Unit Size: 100 ul

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

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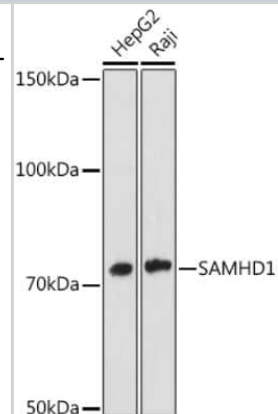
**NBP3-16448-100ul****SAMHD1 Antibody (4C7B3)**

| <b>Product Information</b>         |                                                                                                                                                                                                                      |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 100 ul                                                                                                                                                                                                               |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                          |
| <b>Storage</b>                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                             |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                           |
| <b>Clone</b>                       | 4C7B3                                                                                                                                                                                                                |
| <b>Preservative</b>                | 0.02% Sodium Azide                                                                                                                                                                                                   |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                  |
| <b>Purity</b>                      | Affinity purified                                                                                                                                                                                                    |
| <b>Buffer</b>                      | PBS (pH 7.3), 50% glycerol, 0.05% BSA                                                                                                                                                                                |
| <b>Product Description</b>         |                                                                                                                                                                                                                      |
| <b>Description</b>                 | Novus Biologicals Rabbit SAMHD1 Antibody (4C7B3) (NBP3-16448) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.              |
| <b>Host</b>                        | Rabbit                                                                                                                                                                                                               |
| <b>Gene ID</b>                     | 25939                                                                                                                                                                                                                |
| <b>Gene Symbol</b>                 | SAMHD1                                                                                                                                                                                                               |
| <b>Species</b>                     | Human                                                                                                                                                                                                                |
| <b>Immunogen</b>                   | A synthetic peptide corresponding to a sequence within amino acids 527-626 of human SAMHD1 (NP_056289.2).<br>NRAIRITKNQVSQLLPEKFAEQLIRVYCKKVDRKSLYAARQYFVQWCADRNFTK<br>PQDGDVIAPLITPQKKEWNDSTSVQNPTLREASKSRVQLFKDDPM |
| <b>Product Application Details</b> |                                                                                                                                                                                                                      |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                                                                                                                                    |
| <b>Recommended Dilutions</b>       | Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin                                                                                                                        |

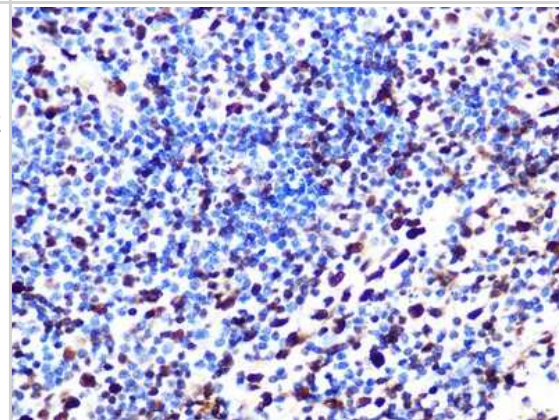


## Images

**Western Blot: SAMHD1 Antibody (4C7B3) [NBP3-16448]** - Western blot analysis of extracts of various cell lines, using SAMHD1 antibody (NBP3-16448) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



**Immunohistochemistry-Paraffin: SAMHD1 Antibody (4C7B3) [NBP3-16448]** - Immunohistochemistry of paraffin-embedded human appendix using SAMHD1 Rabbit mAb (NBP3-16448) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.





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### **Products Related to NBP3-16448-100ul**

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|                    |                                                     |
|--------------------|-----------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891         | Rabbit IgG Isotype Control                          |
| H00025939-P01-10ug | Recombinant Human SAMHD1 GST (N-Term) Protein       |

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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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