

# Product Datasheet

## Alpha-mannosidase II Antibody (PSH02-67) NBP3-32565

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32565****Alpha-mannosidase II Antibody (PSH02-67)**

| <b>Product Information</b>     |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 100 ul   |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal   |
| <b>Clone</b>                   | PSH02-67   |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Protein A purified   |
| <b>Buffer</b>                  | 1*TBS (pH7.4), 0.1% BSA and 40% Glycerol   |
| <b>Target Molecular Weight</b> | 131 kDa  |

| <b>Product Description</b> |  |
|----------------------------|--|
| <b>Description</b>         | Novus Biologicals Rabbit Alpha-mannosidase II Antibody (PSH02-67) (NBP3-32565) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                | Rabbit   |
| <b>Gene ID</b>             | 4124   |
| <b>Gene Symbol</b>         | MAN2A1   |
| <b>Species</b>             | Human, Mouse, Rat  |
| <b>Immunogen</b>           | Recombinant protein within human Alpha-mannosidase II aa 51-500 / 1,144. (Uniprot: Q16706)   |

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry                      |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000 |



## Images

**Western Blot: Alpha-mannosidase II Antibody (PSH02-67) [NBP3-32565]**  
- Western blot analysis of Alpha-mannosidase II on different lysates with Rabbit anti-Alpha-mannosidase II antibody (NBP3-32565) at 1/1,000 dilution.

Lane 1: HepG2 cell lysate  
Lane 2: Huh7 cell lysate  
Lane 3: JAR cell lysate  
Lane 4: U-87 MG cell lysate  
Lane 5: HUVEC cell lysate  
Lane 6: A375 cell lysate  
Lane 7: MDA-MB-468 cell lysate  
Lane 8: NCI-H226 cell lysate  
Lane 9: Human liver tissue lysate  
Lane 10: human lung tissue lysate  
Lane 11: human kidney tissue lysate

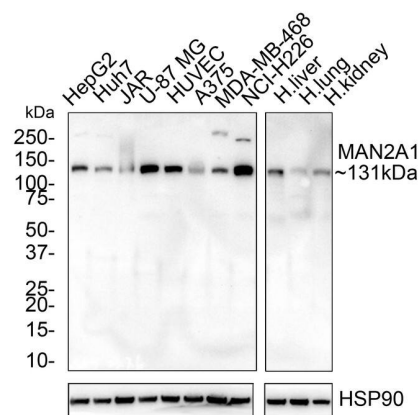
Lysates/proteins at 30 ug/Lane.

Predicted band size: 131 kDa  
Observed band size: 131-151 kDa

Exposure time: 5 minutes;

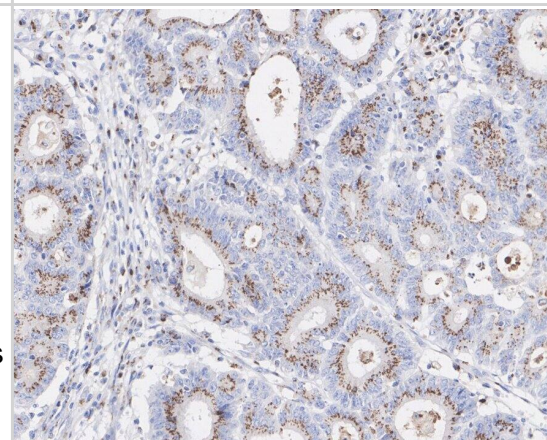
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32565) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



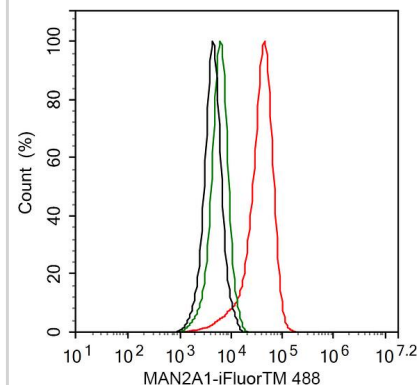
**Immunohistochemistry: Alpha-mannosidase II Antibody (PSH02-67) [NBP3-32565]** - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue with Rabbit anti-Alpha-mannosidase II antibody (NBP3-32565) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32565) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



**Flow Cytometry: Alpha-mannosidase II Antibody (PSH02-67) [NBP3-32565]** - Flow cytometric analysis of U-87 MG cells labeling Alpha-mannosidase II.

Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (NBP3-32565, 1/1,000) (red) compared with Mouse IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Mouse IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32565**

|                    |   |
|--------------------|---|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]               |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]         |
| NBP2-24891         | Rabbit IgG Isotype Control                                  |
| H00004124-Q01-10ug | Recombinant Human Alpha-mannosidase II 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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