

# Product Datasheet

## SAV1 Antibody (PSH04-45)

### NBP3-32931

Unit Size: 100 ul

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

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**NBP3-32931**

SAV1 Antibody (PSH04-45)

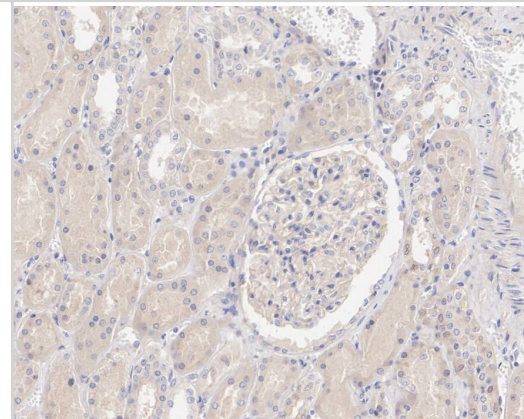
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PSH04-45
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	45 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit SAV1 Antibody (PSH04-45) (NBP3-32931) 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>	60485
<b>Gene Symbol</b>	SAV1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within human SAV1 aa 1-383 / 383. (Uniprot: Q9H4B6)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



## Images

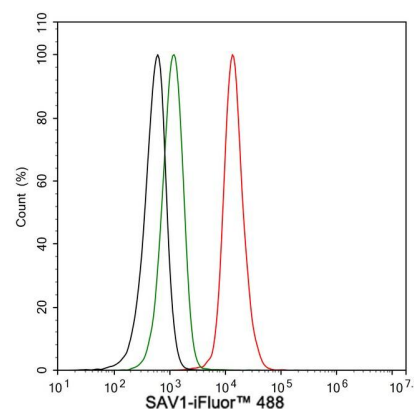
**Immunohistochemistry: SAV1 Antibody (PSH04-45) [NBP3-32931] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Rabbit anti-SAV1 antibody (NBP3-32931) at 1/200 dilution.**

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 (NBP3-32931) at 1/200 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.



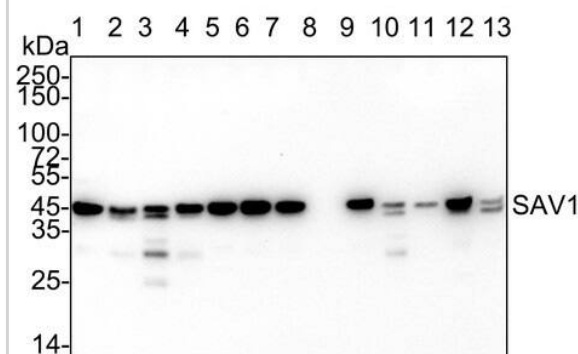
**Flow Cytometry: SAV1 Antibody (PSH04-45) [NBP3-32931] - Flow cytometric analysis of HCT 116 cells labeling SAV1.**

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32931, 1 µg/mL) (red) compared with Rabbit 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-Rabbit 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).



**Western Blot: SAV1 Antibody (PSH04-45) [NBP3-32931] - Western blot analysis of SAV1 on different lysates with Rabbit anti-SAV1 antibody (NBP3-32931) at 1/2,000 dilution.**

Lane 1: HCT 116 cell lysate (20 µg/Lane)  
 Lane 2: HeLa cell lysate (20 µg/Lane)  
 Lane 3: 293T cell lysate (20 µg/Lane)  
 Lane 4: HEK-293 cell lysate (20 µg/Lane)  
 Lane 5: MDA-MB-231 cell lysate (20 µg/Lane)  
 Lane 6: SW480 cell lysate (20 µg/Lane)  
 Lane 7: BxPC-3 cell lysate (20 µg/Lane)  
 Lane 8: 786-0 cell lysate (negative) (20 µg/Lane)  
 Lane 9: A549 cell lysate (20 µg/Lane)  
 Lane 10: NIH/3T3 cell lysate (20 µg/Lane)  
 Lane 11: PC-12 cell lysate (20 µg/Lane)  
 Lane 12: Mouse testis tissue lysate (40 µg/Lane)  
 Lane 13: Rat testis tissue lysate (40 µg/Lane)



Predicted band size: 45 kDa  
 Observed band size: 45 kDa

Exposure time: 3 minute; ECL:

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody at 1/2,000 dilution was used in 5% NFDN/TBST at 4 °C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



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### **Products Related to NBP3-32931**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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