

# Product Datasheet

## Wnt-8a Antibody (PSH0-39)

### NBP3-33103

Unit Size: 100 ul

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

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**NBP3-33103**

Wnt-8a Antibody (PSH0-39)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH0-39
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	38.8 kDa
Product Description	
Host	Rabbit
Gene ID	7478
Gene Symbol	WNT8A
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Wnt-8a aa 100-300 / 351. (Uniprot: Q9H1J5)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:50



## Images

**Western Blot: Wnt-8a Antibody (PSH0-39) [NBP3-33103]** - Western blot analysis of Wnt-8a on different lysates with Rabbit anti-Wnt-8a antibody (NBP3-33103) at 1/1,000 dilution.

Lane 1: HeLa cell lysate (30 ug/Lane)  
 Lane 2: HepG2 cell lysate (30 ug/Lane)  
 Lane 3: SW480 cell lysate (30 ug/Lane)  
 Lane 4: Jurkat cell lysate (30 ug/Lane)  
 Lane 5: Raji cell lysate (30 ug/Lane)  
 Lane 6: NIH/3T3 cell lysate (30 ug/Lane)  
 Lane 7: Mouse brain tissue lysate (40 ug/Lane)  
 Lane 8: Mouse embryo tissue lysate (40 ug/Lane)  
 Lane 9: Rat brain tissue lysate (40 ug/Lane)

Predicted band size: 38.8 kDa  
 Observed band size: 55 kDa

Exposure time: 1 minute;

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 (NBP3-33103) 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 1:200,000 dilution was used for 1 hour at room temperature.

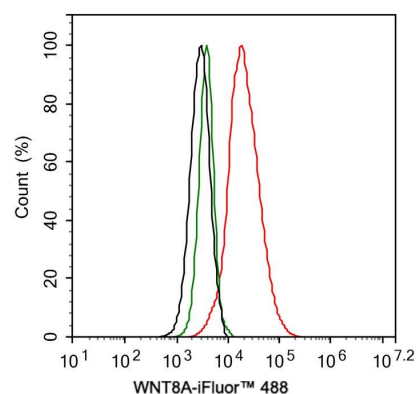
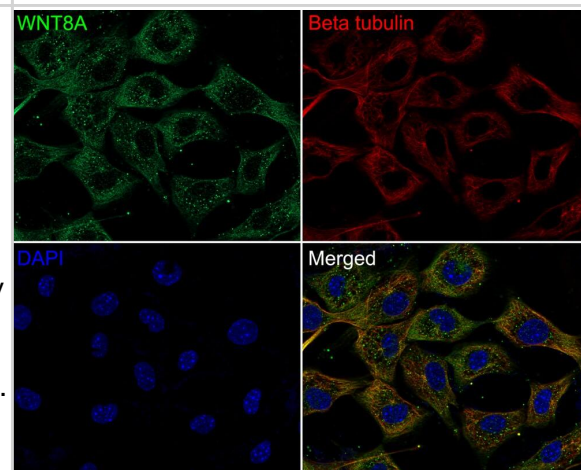
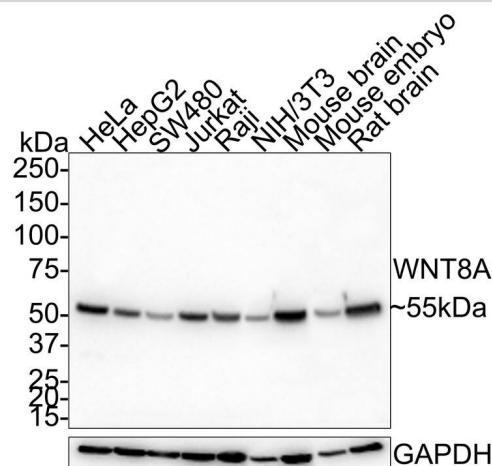
**Immunocytochemistry/ Immunofluorescence: Wnt-8a Antibody (PSH0-39) [NBP3-33103]** - Immunocytochemistry analysis of NIH/3T3 cells labeling Wnt-8a with Rabbit anti-Wnt-8a antibody (NBP3-33103) at 1/50 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Wnt-8a antibody (NBP3-33103) at 1/50 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.

**Flow Cytometry: Wnt-8a Antibody (PSH0-39) [NBP3-33103]** - Flow cytometric analysis of HeLa cells labeling Wnt-8a.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-33103, 1ug/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).





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### **Products Related to NBP3-33103**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-86853PEP	Wnt-8a Recombinant Protein Antigen

### **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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