

# Product Datasheet

## Aquaporin-5 Antibody (10V2Y1) NBP3-33420-100ul

Unit Size: 100 ul

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

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Updated 2/17/2026 v.20.1

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**NBP3-33420-100ul**

Aquaporin-5 Antibody (10V2Y1)


Product Information	
<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>	10V2Y1
<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>Target Molecular Weight</b>	28 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Aquaporin-5 Antibody (10V2Y1) (NBP3-33420) is a monoclonal antibody validated for use in WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	362
<b>Gene Symbol</b>	AQP5
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 165-265 of human Aquaporin-5 (NP_001642.1).  Sequence: IGLSVTLGHLVGIYFTGCSMNPARSFGPAVVMNRFSPAHWVFWVGPIVGAVLA AILYFYLLFPNSLSLSEVAIIKGTYPDEDWEEQREERKKTMELTTR

Product Application Details	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:5000, ELISA Recommended starting concentration is 1 ug/mL



**Images**

Western Blot: Aquaporin-5 Antibody (10V2Y1) [NBP3-33420] - Western blot analysis of various lysates, using Aquaporin-5 Rabbit mAb at 1:2000 dilution. 

Secondary antibody: HRP-conjugated 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 Basic Kit.

Exposure time: 180s.

Western Blot: Aquaporin-5 Antibody (10V2Y1) [NBP3-33420] - Western blot analysis of various lysates, using Aquaporin-5 Rabbit mAb at 1:2000 dilution.

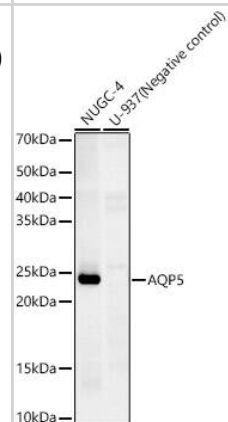
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 180s.





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### **Products Related to NBP3-33420-100ul**

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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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