

# Product Datasheet

## Aquaporin-8 Antibody (1A1)

### H00000343-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

#### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00000343-M01](http://www.novusbio.com/H00000343-M01)

Updated 6/27/2023 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/H00000343-M01](http://www.novusbio.com/reviews/destination/H00000343-M01)

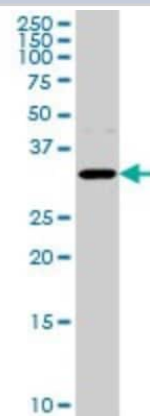


**H00000343-M01****Aquaporin-8 Antibody (1A1)**

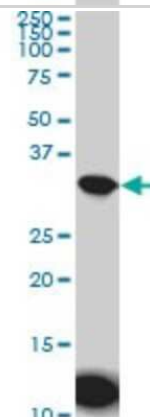
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1A1
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	343
<b>Gene Symbol</b>	AQP8
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Mouse reported in scientific literature (PMID: 23772384).
<b>Specificity/Sensitivity</b>	AQP8 - aquaporin 8
<b>Immunogen</b>	AQP8 (AAH40630, 1 a.a. ~ 255 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MCEPEFGNDKAREPSVGGRRWRVSWYERFVQPCLVELLGSALFIFIGCLSVIEN GTDTGLLQPALAHGLALGLVIATLGNISGGHFNPVSLAAMLIGGLNLVMLLPY WVSQLLGGMLGAALAKAVSPEERFWNASGAAFVTVQEQGQVAGALVAEIIILT LLALAVCMGAINKTKGPLAPFSIGFAVTVDILAGGPVSGGCMNPARAFGPAVV ANHWNFHWIYWLGPLLGLLVGLLIRCFIGDGKTRLILKAR
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry
<b>Application Notes</b>	Antibody reactivity against cell lysate for WB. It has been used for ELISA. IHC reported in scientific literature (PMID: 23772384).

## Images

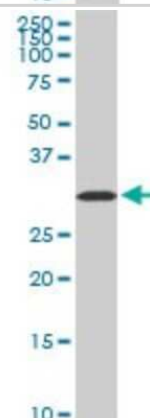
Western Blot: Aquaporin-8 Antibody (1A1) [H00000343-M01] - AQP8 monoclonal antibody (M01), clone 1A1 Analysis of AQP8 expression in HeLa S3 NE.



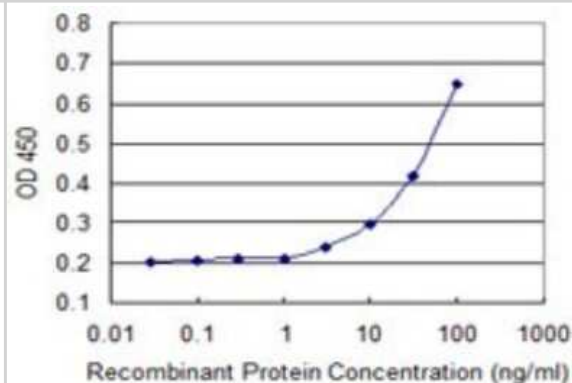
Western Blot: Aquaporin-8 Antibody (1A1) [H00000343-M01] - AQP8 monoclonal antibody (M01), clone 1A1. Analysis of AQP8 expression in HeLa.



Western Blot: Aquaporin-8 Antibody (1A1) [H00000343-M01] - AQP8 monoclonal antibody (M01), clone 1A1. Analysis of AQP8 expression in PC-12.



ELISA: Aquaporin-8 Antibody (1A1) [H00000343-M01] - Detection limit for recombinant GST tagged AQP8 is approximately 1 ng/ml as a capture antibody.



## Publications

Nashida T, Yoshie S, Haga-Tsujimura M et al. Atrophy of myoepithelial cells in parotid glands of diabetic mice; detection using skeletal muscle actin, a novel marker. FEBS Open Bio 3. 2013-01-01 [PMID: 23772384]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA

Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada

Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Products Related to H0000343-M01**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H0000343-P01-10ug	Recombinant Human Aquaporin-8 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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/H0000343-M01](http://www.novusbio.com/reviews/submit/H0000343-M01)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

