

AQP8 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant AQP8.****Catalog # AT1173a****Specification**

AQP8 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O94778
Other Accession	BC040630
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	27381

AQP8 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 343**Other Names**

Aquaporin-8, AQP-8, AQP8

Target/Specificity

AQP8 (AAH40630, 1 a.a. ~ 255 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

AQP8 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

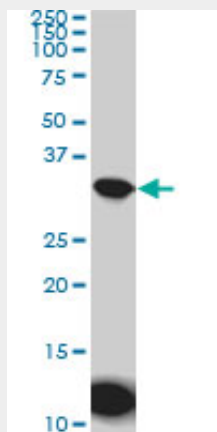
AQP8 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

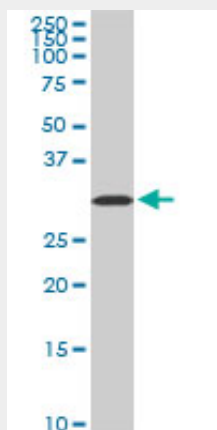
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

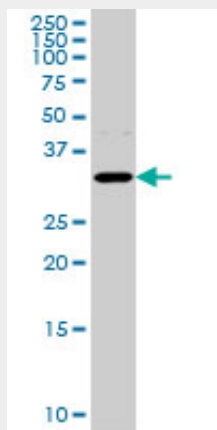
AQP8 Antibody (monoclonal) (M01) - Images



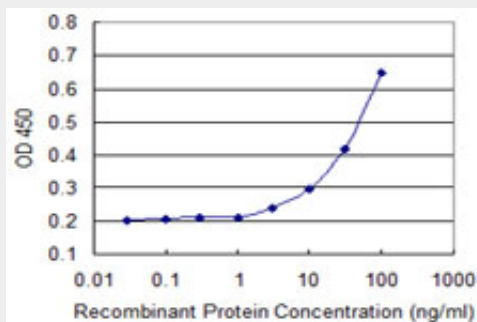
AQP8 monoclonal antibody (M01), clone 1A1. Western Blot analysis of AQP8 expression in HeLa (Cat # L013V1).



AQP8 monoclonal antibody (M01), clone 1A1. Western Blot analysis of AQP8 expression in PC-12 (Cat # AT1173a).



AQP8 monoclonal antibody (M01), clone 1A1 Western Blot analysis of AQP8 expression in Hela S3 NE ((Cat # AT1173a)



Detection limit for recombinant GST tagged AQP8 is approximately 1ng/ml as a capture antibody.

AQP8 Antibody (monoclonal) (M01) - Background

Aquaporin 8 (AQP8) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 8 mRNA is found in pancreas and colon but not other tissues.

AQP8 Antibody (monoclonal) (M01) - References

1. Atrophy of myoepithelial cells in parotid glands of diabetic mice; detection using skeletal muscle actin, a novel marker. Nashida T, Yoshie S, Haga-Tsujimura M, Imai A, Shimomura H. FEBS Open Bio 3 (2013) 130-134