

## Aquaporin 4 Mouse Monoclonal Antibody(4H1)

Catalog	TDY085C	TDY085F
Quantity	50 $\mu$ L	100 $\mu$ L

Tel: 010-82908854  
Free: 400-0620-621  
Web: www.tdybio.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IF, IHC	H,M,R	~48KD	IgG1

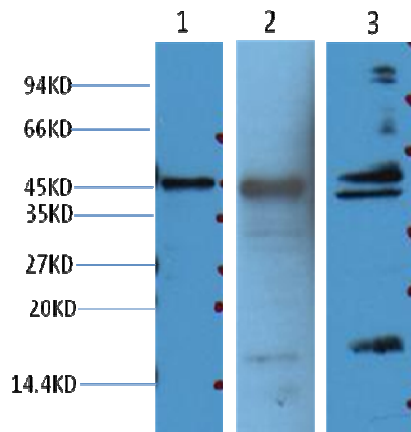
**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C. Do not aliquot the antibody.**

**Recommended dilutions:** WB: 1:1,000 IF: 1:100-200 IHC: 1:200-500

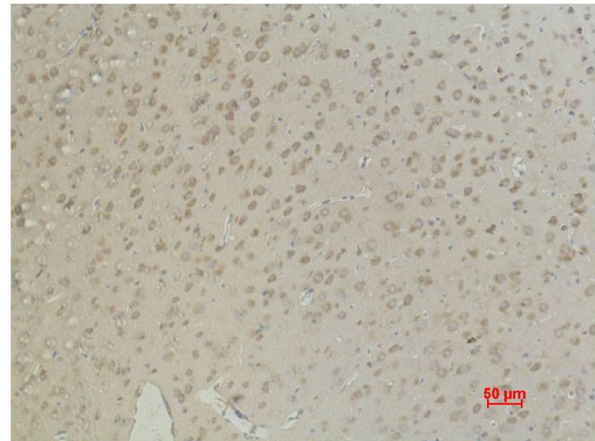
**Optimal dilutions should be determined by the end user.**

**Specificity:** The Aquaporin 4 Mouse Monoclonal antibody detects endogenous Aquaporin 4 proteins.

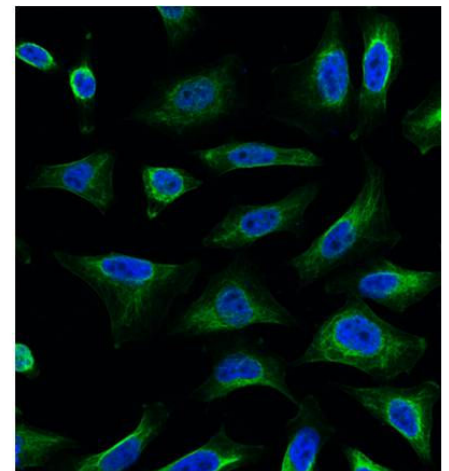
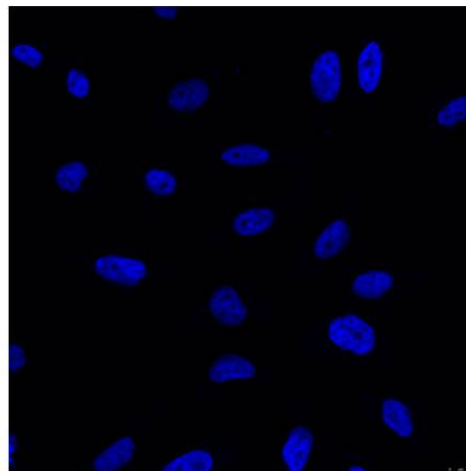
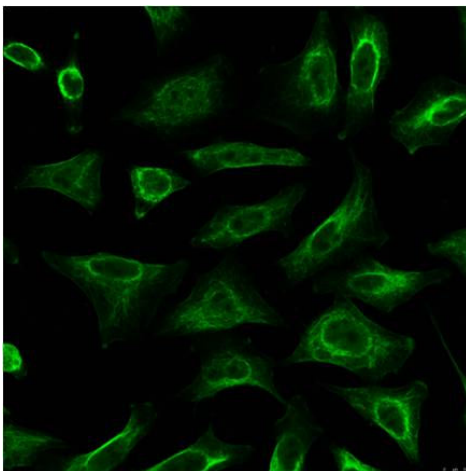
**Background:** Aquaporin 4 belongs to the Aquaporin family of integral membrane proteins that conduct water through the cell membrane.



Western blot analysis of 1) HeLa, 2) Mouse Heart tissue, 3) Rat Heart Tissue with Aquaporin 4 mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Aquaporin 4 (TDY085) Mouse mAb diluted at 1:500.



IF analysis of HeLa with TDY085(Left) and DAPI (Right) diluted at 1:100.

Applications: WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation  
Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig