

Aquaporin 4 Mouse Monoclonal Antibody(4H1)

Catalog No: RA10332

Basic Information

Host species	Mouse
Applications	WB, IF, IHC
Species Cross-Reactivity	H,M,R
Specificity	The Aquaporin 4 Mouse Monoclonal antibody detects endogenous Aquaporin 4 proteins.
Recommended dilutions	WB: 1:1,000 IF: 1:100-200 IHC: 1:200-500 Optimal dilutions should be determined by the end user.

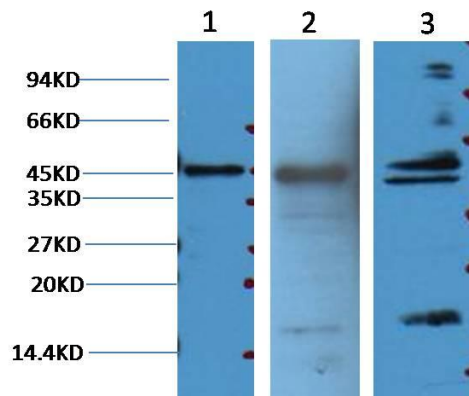
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

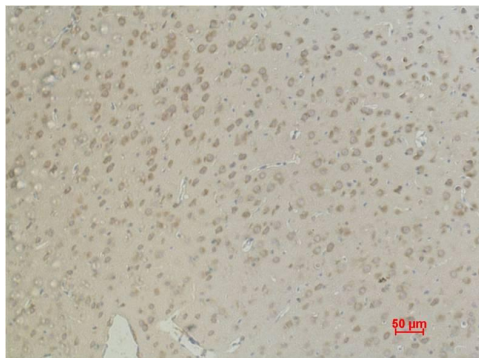
Background

Alternative Names	
Observed band	48
Human Gene ID	361
Human Swiss-Prot Number	P55087
Background	Aquaporin 4 belongs to the Aquaporin family of integral membrane proteins that conduct water through the cell membrane.

Selected Validation Data



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 Mouse mAb diluted at 1:500.