



ELK Biotechnology

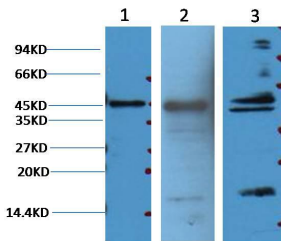
Aquaporin 4 Mouse mAb

Catalog NO.: EM1062

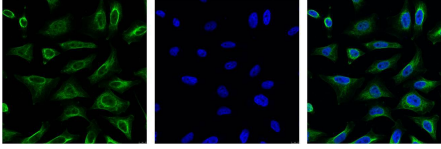
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Overview

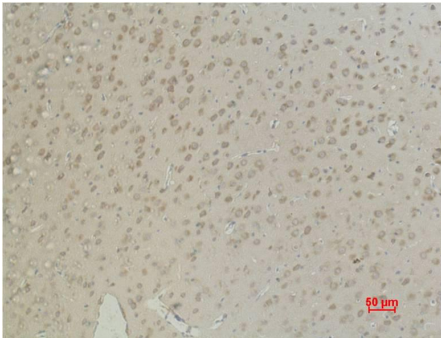
Product name	Aquaporin 4 Mouse Monoclonal antibody
Source	Mouse
Applications	WB IHC IF
Species reactivity	Human Rat Mouse
Recommended dilutions	WesternBlot:1/1000 Immunofluorescence:1/100-200 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	48kDa
GeneID (Human)	361
Human Swiss-Prot No.	P55087
Cellular localization	Membrane
Alternative Names	AQP4 aquaporin 4 NMO-IgG
Background	Aquaporin 4 belongs to the Aquaporin family of integral membrane proteins that conduct water through the cell membrane.



Western blot analysis of) Hela 2) Mouse Heart tissue 3) Rat Heart Tissue with Aquaporin 4 mAb diluted at:2000.



IF analysis of Hela with EM1062(Left) and DAPI (Right) diluted at:100.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Aquaporin 4 (EM1062) Mouse mAb diluted at:500.