AQP4 Monoclonal Antibody

Catalog No. E-AB-22025

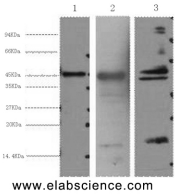
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

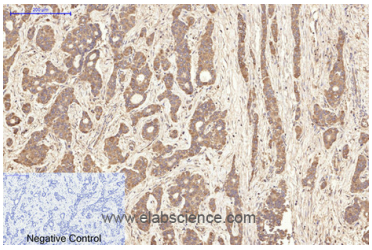
Reactivity	Human,Mouse,Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-300
IF	1:100-200

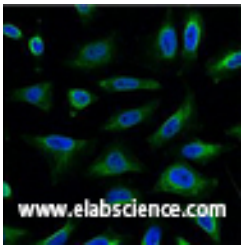
Data



Western Blot analysis of 1) Hela, 2) Mouse heart, 3) Rat heart using AQP4 Monoclonal Antibody at dilution of 1:2000.
Observed Mw:48kDa
Calculated Mw:35kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using AQP4 Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Hela tissue using AQP4 Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

This gene encodes a member of the aquaporin family of intrinsic membrane proteins that function as water-selective channels in the plasma membranes of many cells. The encoded protein is the predominant aquaporin found in brain. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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