AQP4 Monoclonal Antibody

catalog number: **E-AB-22025**

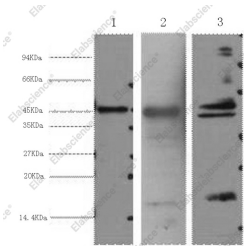
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	Mouse IgG
Clone	1A6
Purification	Protein A purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

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

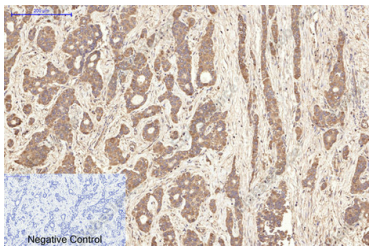
Data



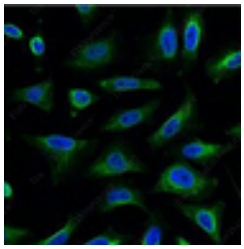
Western Blot analysis of 1) Hela, 2) Mouse heart, 3) Rat heart using AQP4 Monoclonal Antibody at dilution of 1:2000.

Observed-MW:48 kDa

Calculated-MW:35 kDa



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°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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