

## Anti-Aquaporin 4 AQP4 Monoclonal Antibody

Catalog Number: M01049

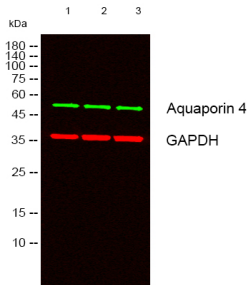
### Overview

Product Name	Anti-Aquaporin 4 AQP4 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Aquaporin 4 AQP4 Monoclonal Antibody catalog # M01049. Tested in IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal 4H1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% stabilizing protein and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P55087

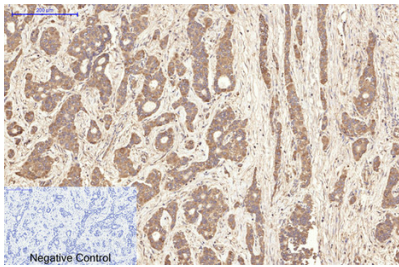
### Technical Details

Immunogen	Synthetic Peptide of Aquaporin 4
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Suggested Dilutions	WB 1:1000 IF 1:100-200 IHC 1:50-300

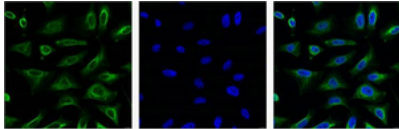
## Anti-Aquaporin 4 AQP4 Monoclonal Antibody (M01049) Images



Western blot analysis of lysates from 1) HeLa, 2) Mouse Heart tissue, 3) Rat Heart Tissue cells, (Green) primary antibody was diluted at 1:1000, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour. (Red) GAPDH Polyclonal Antibody was diluted at 1:5000 as loading control, 4° over night, secondary antibody was diluted at 1:10000, 37° 1hour.



Immunohistochemical analysis of paraffin-embedded Human liver-cancer tissue. 1, Aquaporin 4 Monoclonal Antibody (4H1) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



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

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Anti-Aquaporin 4 AQP4 Monoclonal Antibody

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