

# Aquaporin 4 Mouse Monoclonal Antibody(4H1)

Catalog No.: RA10332

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	48KD

### Applications

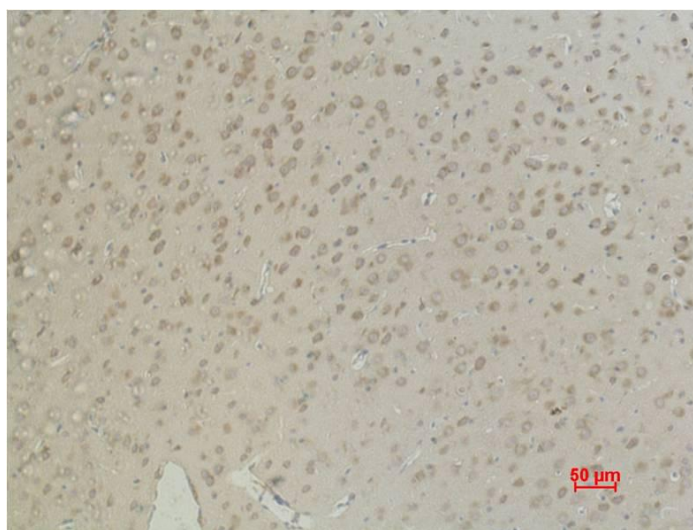
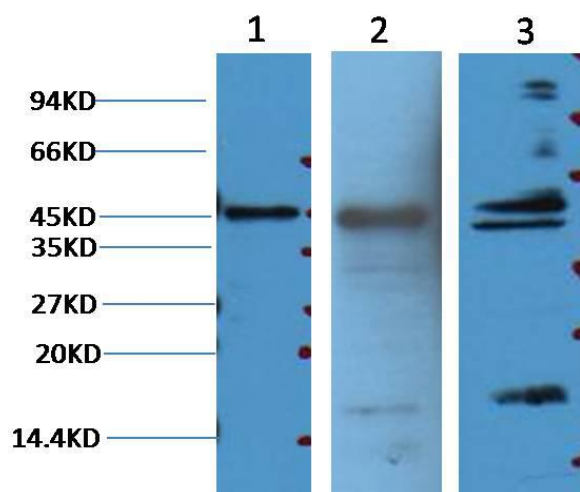
### Recommended Dilution

WB	1:1,000
IHC	1:200-500
IF	1:100-200

## Preparation & Storage

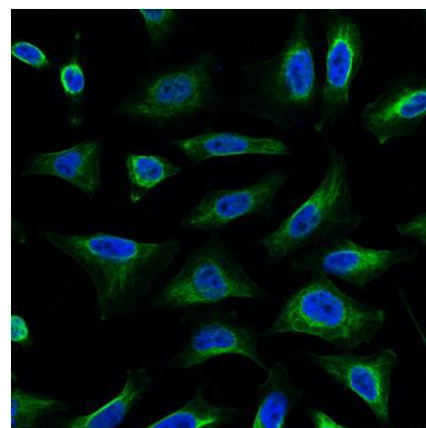
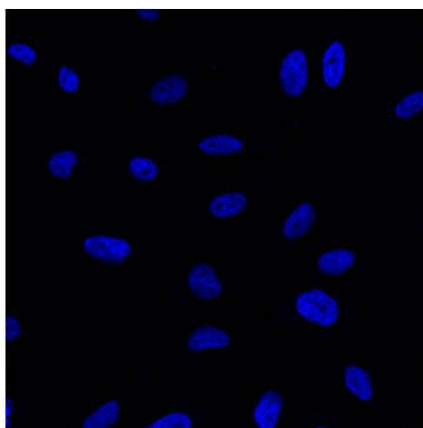
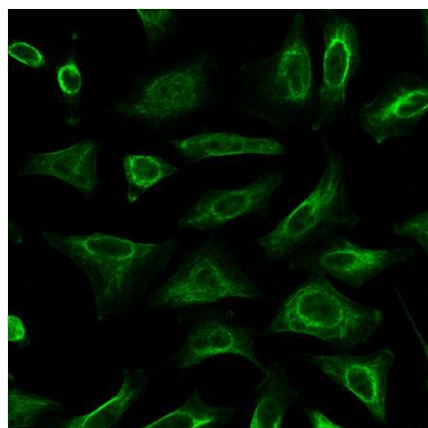
Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental 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.



IF analysis of HeLa with Aquaporin 4 Mouse mAb(4H1)and DAPI (Right) diluted at 1:100

## Background

Aquaporin 4 belongs to the Aquaporin family of integral membrane proteins that conduct water through the cell membrane.