

# Anti-Aquaporin 5 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 1370**

## Aliases

AQP5; Aquaporin 5; Aquaporin-5; AQP-5; PPKB

## Background

Gene Name: AQP5

NCBI Gene Entry: [362](#)

UniProt Entry: [P55064](#)

## Application Information

Molecular Weight: Predicted, 28 kDa; observed, 24 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB3225

Species Reactivity: Mouse

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human AQP5

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

## Validation Data

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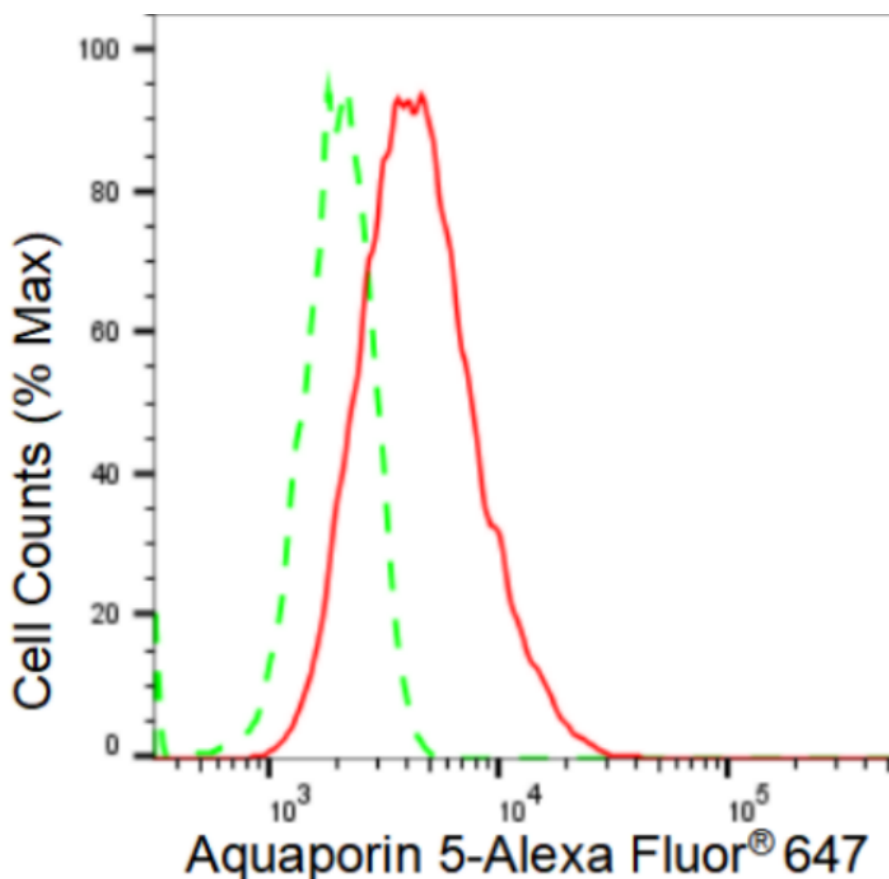
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
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### ORDERS

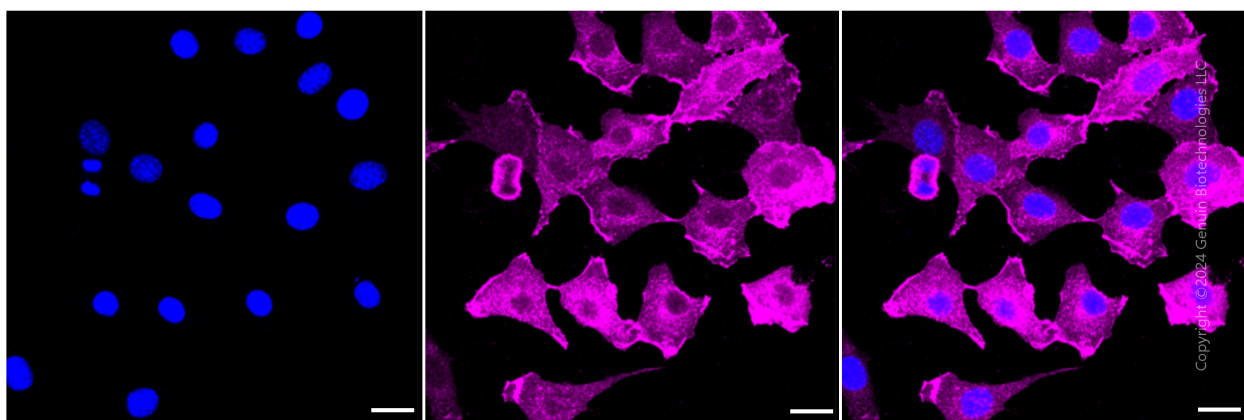
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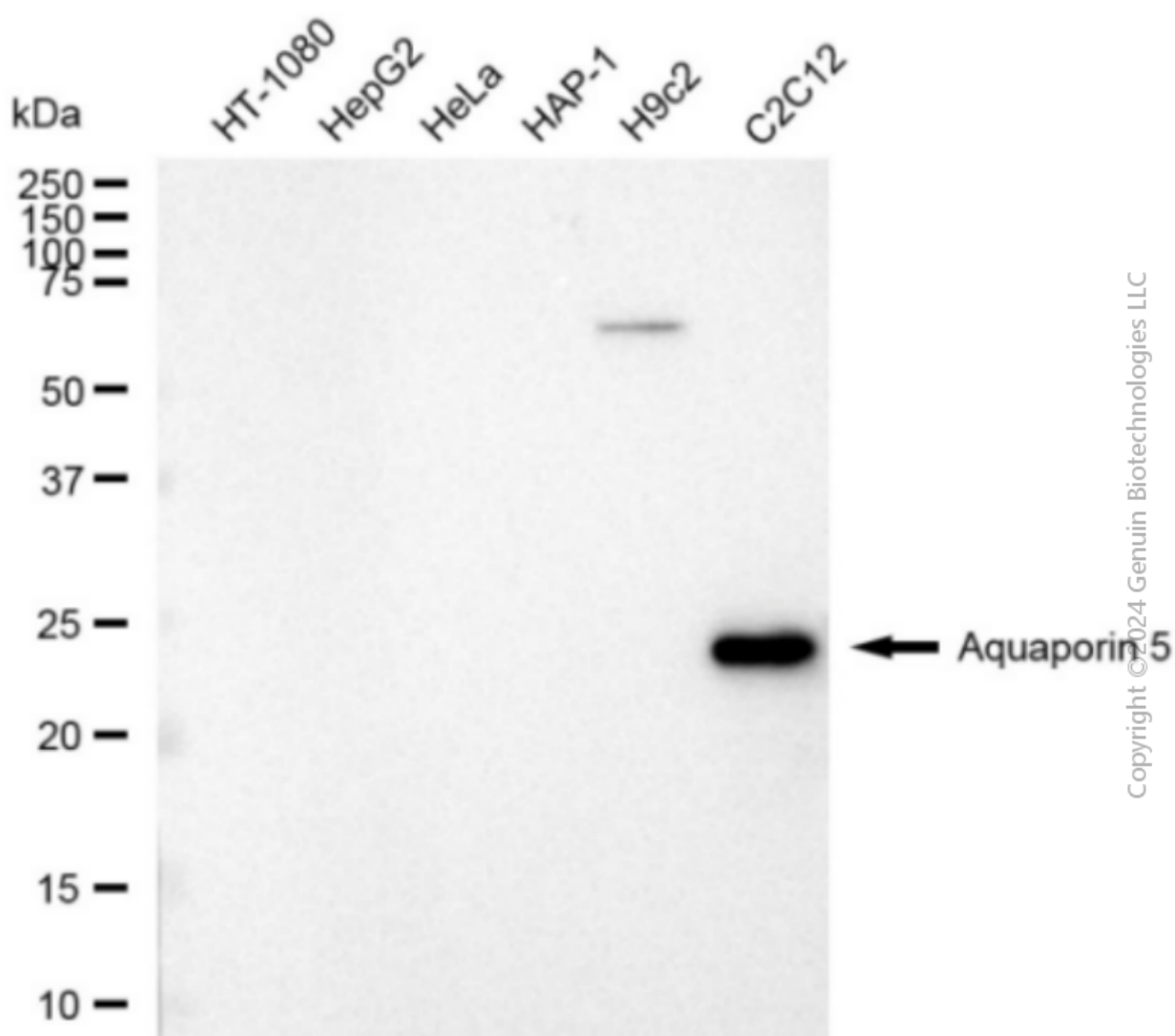
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Flow cytometric analysis of Aquaporin 5 expression in C2C12 cells using Aquaporin 5 antibody (Cat#1370, 1:2,000). Green, isotype control; red, Aquaporin 5.



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Immunocytochemical staining of C2C12 cells with Aquaporin 5 antibody (Cat#1370, 1:1,000). Nuclei were stained blue with DAPI; Aquaporin 5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20  $\mu$ m.



Western blotting analysis using anti-Aquaporin 5 antibody (Cat#1370). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Aquaporin 5 antibody (Cat#1370, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).