

# Anti-Calmegin Recombinant Rabbit Monoclonal Antibody



**Catalog #: 4408**

## Aliases

CLGN; Calmegin; Testis Tissue Sperm-Binding Protein Li 79P

## Background

Gene Name: CLGN

NCBI Gene Entry: [1047](#)

UniProt Entry: [O14967](#)

## Application Information

Molecular Weight: Predicted, 70 kDa; observed, 100 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB11070

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human Calmegin

## 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

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

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

## Validation Data

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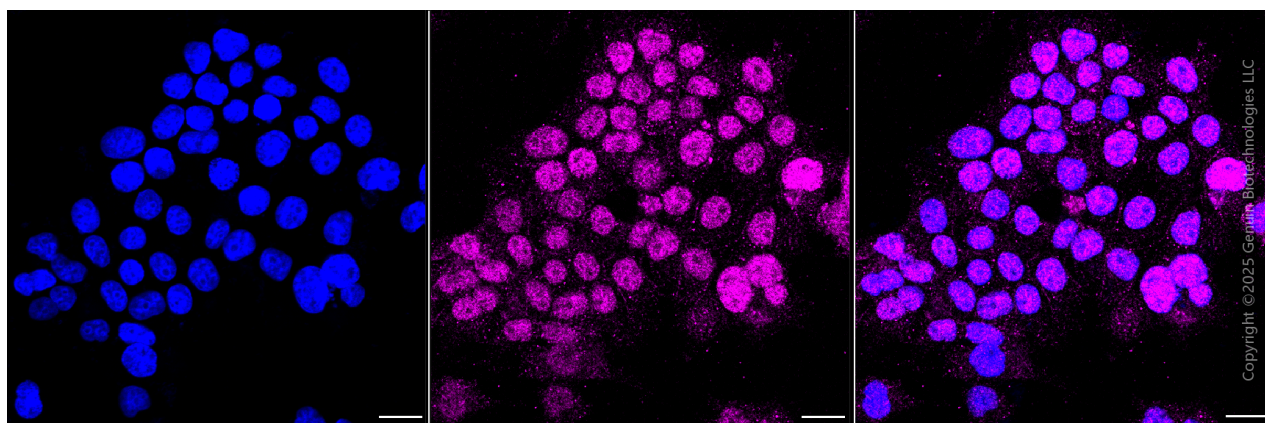
### SUPPORT

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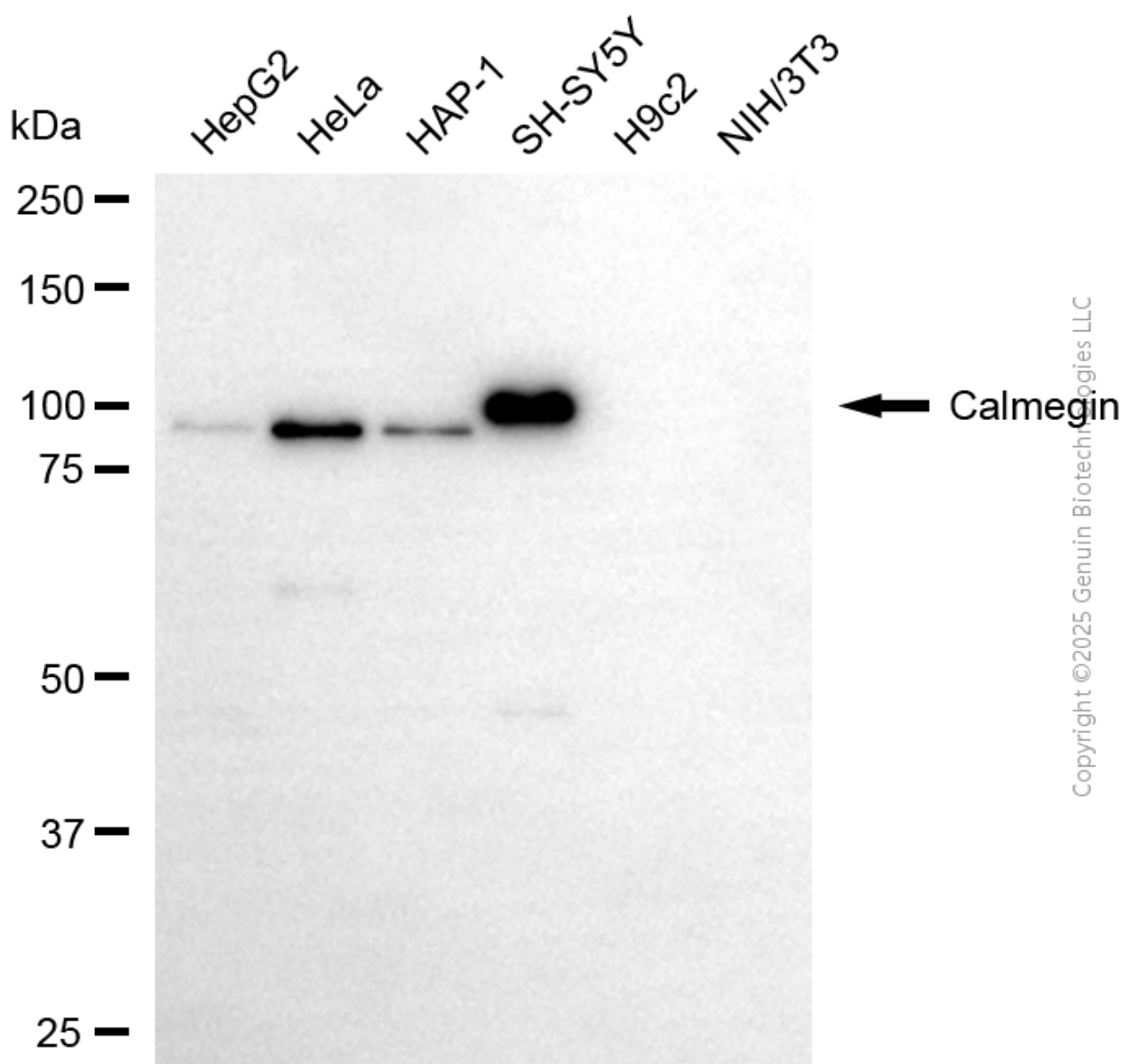
### ORDERS

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Immunocytochemical staining of HepG2 cells with anti-Calmegin antibody (Cat#4408, 1:1,000) . Nuclei were stained blue with DAPI; Calmegin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-calmegin antibody (Cat#4408). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-calmegin antibody (Cat#4408, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).