

# Anti-Cathepsin H Recombinant Rabbit Monoclonal Antibody



**Catalog #: 1330**

## Aliases

CTSH; Cathepsin H; ACC-4; ACC-5; ACC4; ACC5; CPSB; Pro-Cathepsin H; N-Benzoylarginine-Beta-Naphthylamide Hydrolase; Cathepsin B3; Cathepsin BA; EC 3.4.22.16; EC 3.4.22; Aleurain

## Background

Gene Name: CTSH

NCBI Gene Entry: [1512](#)

UniProt Entry: [P09668](#)

## Application Information

Molecular Weight: Predicted, 37 kDa; observed, 40,28 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB3030

Species Reactivity: Human, rat

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

## Immunogen

A synthesized peptide derived from human Cathepsin H

## 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.

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### SUPPORT

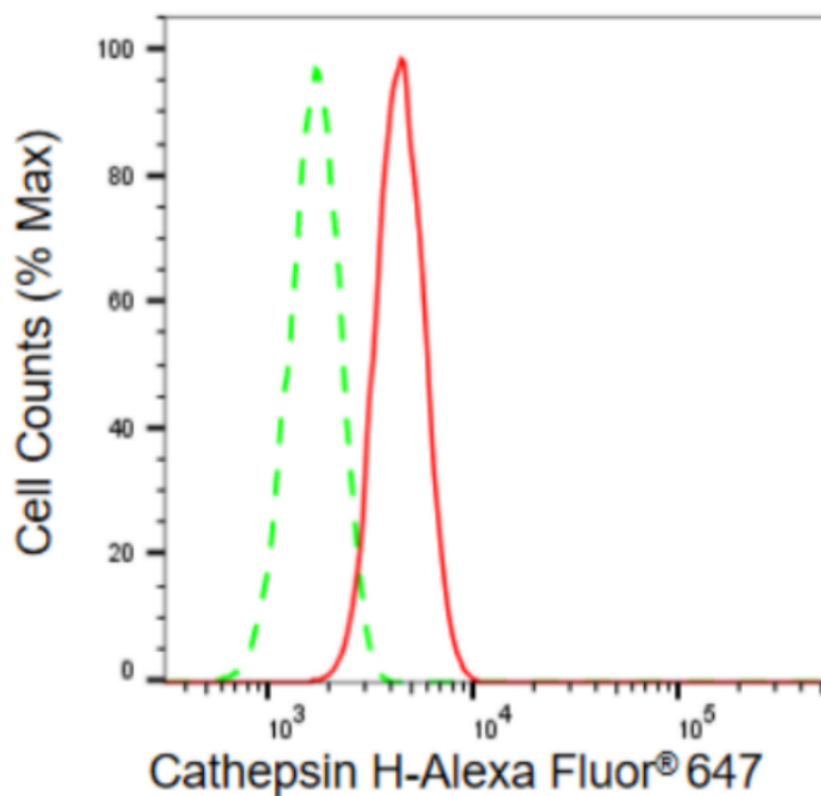
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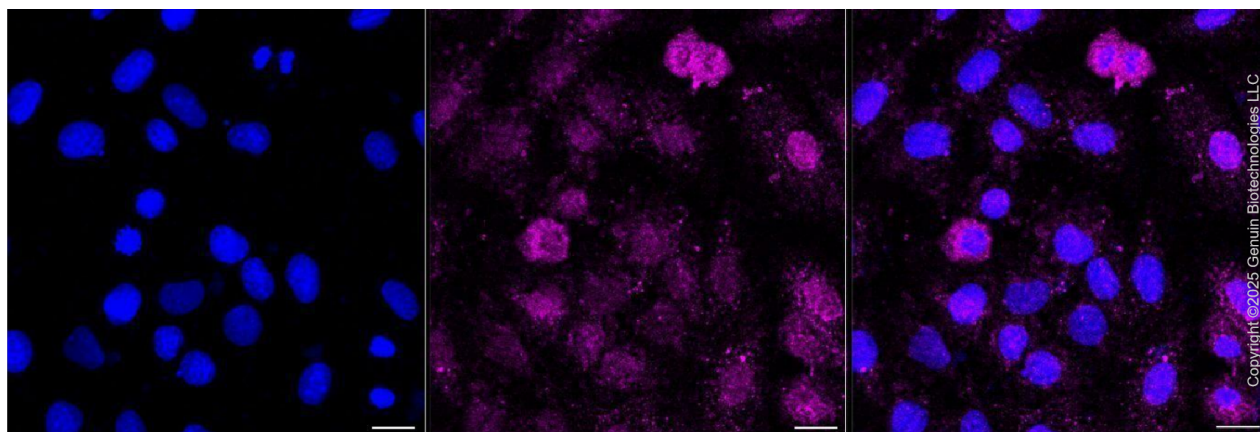
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## Validation Data



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Flow cytometric analysis of Cathepsin H expression in H9c2 cells using Cathepsin H antibody (Cat#1330, 1:2,000). Green, isotype control; red, Cathepsin H.



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Immunocytochemical staining of H9c2 cells with anti-Cathepsin H antibody (Cat#1330, 1:1,000). Nuclei were stained blue with DAPI; Cathepsin H 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 µm.

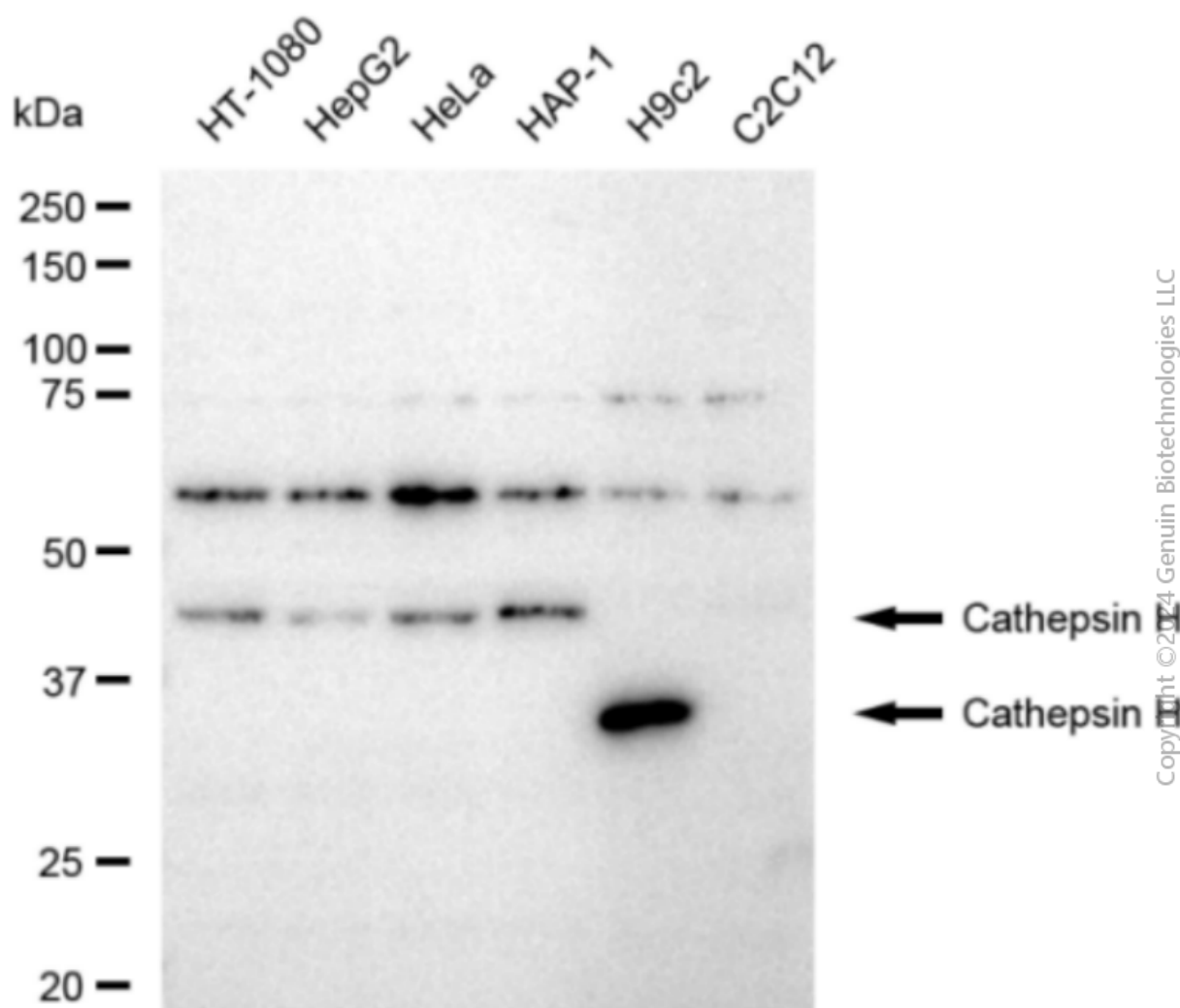
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Western blotting analysis using anti-Cathepsin H antibody (Cat#1330). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Cathepsin H antibody (Cat#1330, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).