

Anti-ADAM10 Recombinant Rabbit Monoclonal Antibody



Catalog #: 1649

Aliases

ADAM10; ADAM Metallopeptidase Domain 10; MADM; Disintegrin And Metalloproteinase Domain-Containing Protein 10; Mammalian Disintegrin-Metalloprotease; Kuzbanian Protein Homolog; EC 3.4.24.81; HsT18717; CD156C; CDw156; Kuz; KUZ; A Disintegrin And Metalloproteinase Domain 10; A Disintegrin And Metalloprotease Domain 10; CD156c Antigen; EC 3.4.24; HST18717; ADAM 10; CD156c; AD10; AD18; RAK

Background

Gene Name: ADAM10

NCBI Gene Entry: [102](#)

UniProt Entry: [O14672](#)

Application Information

Molecular Weight: Predicted, 84 kDa; observed, 100 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB3920

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human ADAM10

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

Flow Cytometry (FCM) : 1:2,000

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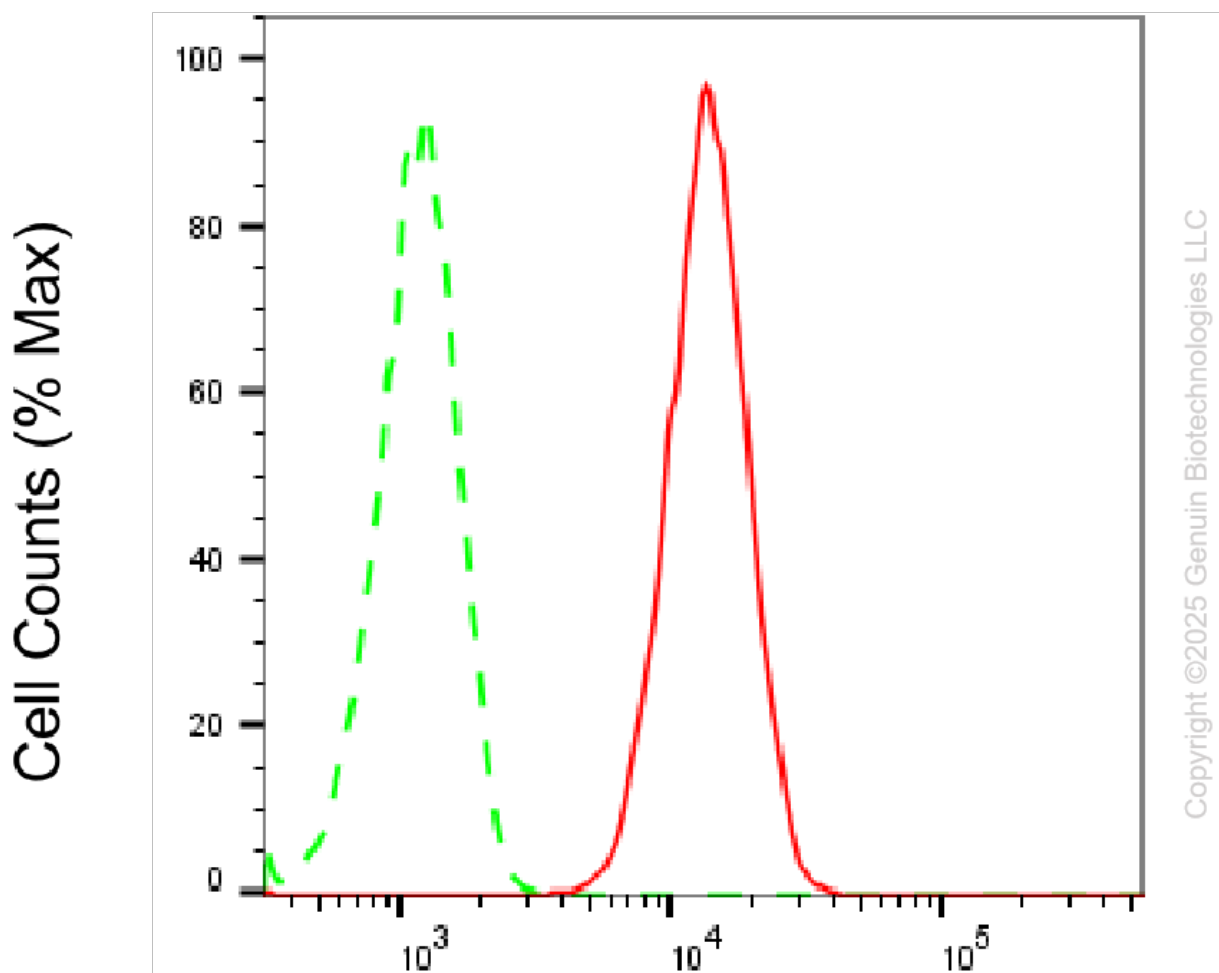
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Note: This product is for research use only.

Validation Data



ADAM10 -Alexa Fluor® 647

Flow cytometric analysis of ADAM10 expression in HepG2 cells using anti-ADAM10 antibody (Cat#1649, 1:2,000). Green, isotype control; red, ADAM10.

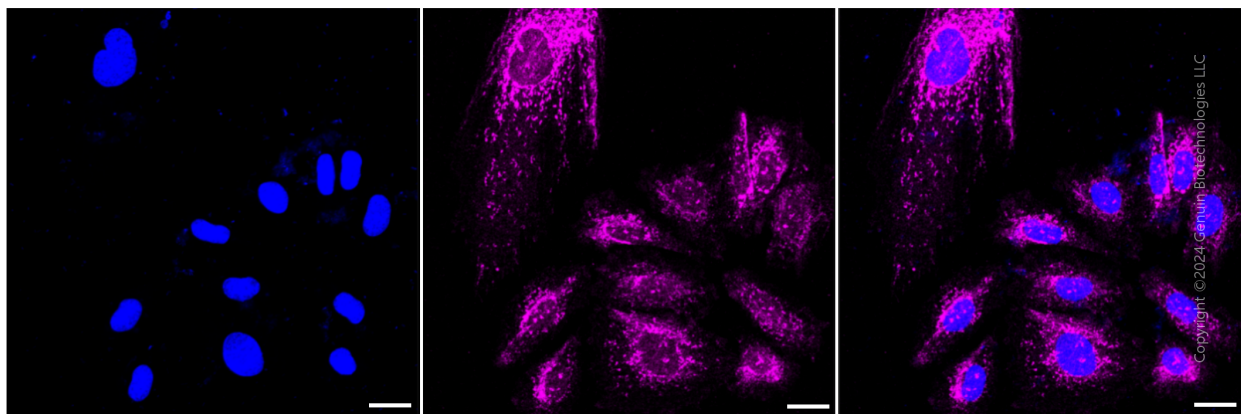
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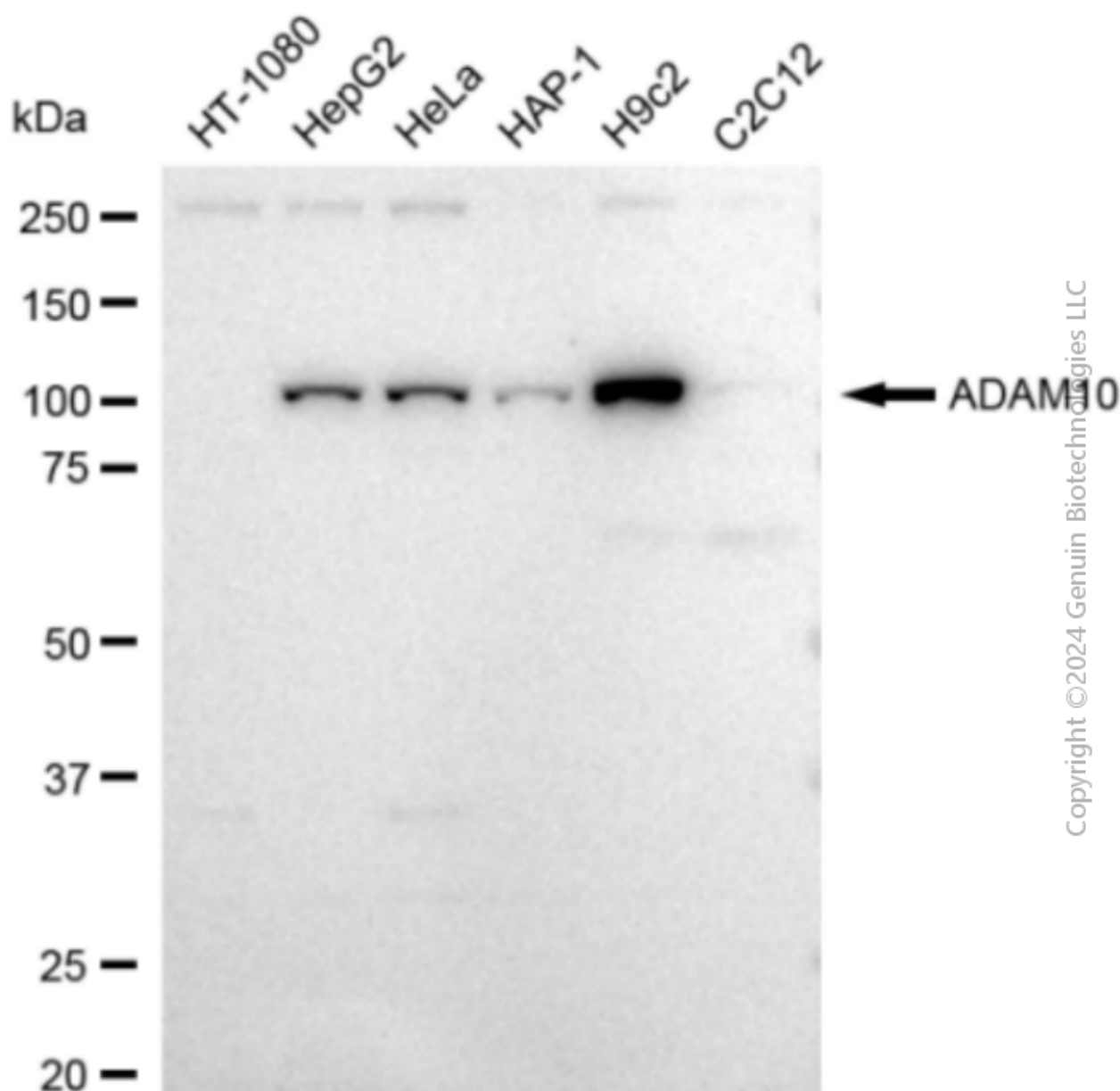
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Immunocytochemical staining of H9C2 cells with ADAM10 antibody (Cat#1649, 1:1,000). Nuclei were stained blue with DAPI; ADAM10 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-ADAM10 antibody (Cat#1649). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ADAM10 antibody (Cat#1649, 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).