

Anti-Carbonic anhydrase 9 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4159

Aliases

CA9; Carbonic Anhydrase 9; CAIX; MN; Carbonic Anhydrase IX; Renal Cell Carcinoma-Associated Antigen G250; RCC-Associated Protein G250; RCC-Associated Antigen G250; Carbonate Dehydratase IX; Carbonic Dehydratase; Membrane Antigen MN; P54/58N; CA-IX; PMW1; EC 4.2.1.1; G250

Background

Gene Name: CA9

NCBI Gene Entry: [768](#)

UniProt Entry: [Q16790](#)

Application Information

Molecular Weight: Predicted, 50 kDa; observed, 33-58 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB9850

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human CA9

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.

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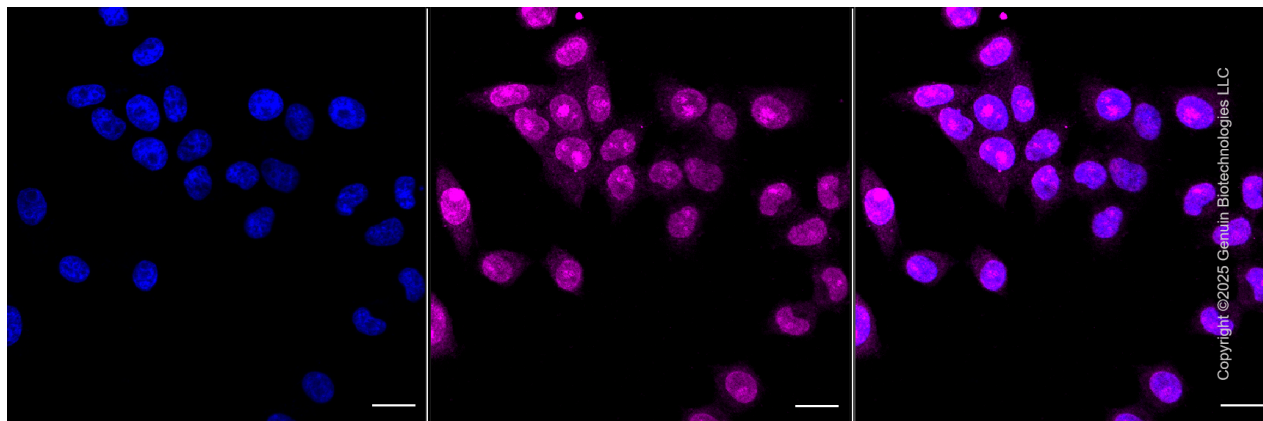
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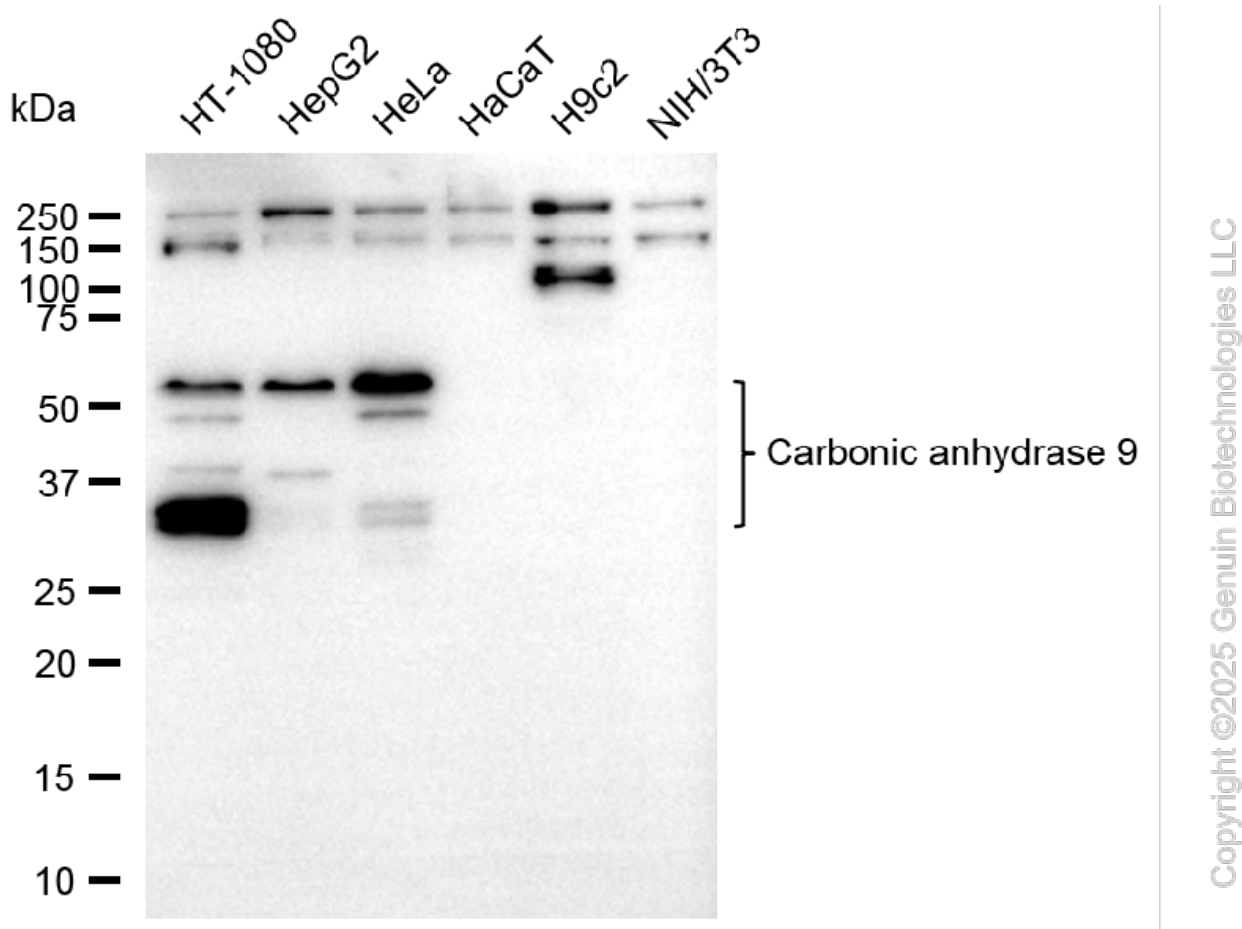
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Validation Data



Immunocytochemical staining of HepG2 cells with anti-Carbonic anhydrase 9 antibody (Cat#4159, 1:1,000) . Nuclei were stained blue with DAPI; Carbonic anhydrase 9 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 μ m.



Western blotting analysis using anti-carbonic anhydrase 9 antibody (Cat#4159). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated

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with anti-carbonic anhydrase 9 antibody (Cat#4159, 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).

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