Anti-ADH1A Recombinant Rabbit Monoclonal Antibody

Catalog #: 1744

Aliases

ADH1A; Alcohol Dehydrogenase 1A (Class I), Alpha Polypeptide; ADH1; Alcohol Dehydrogenase Subunit Alpha; Alcohol Dehydrogenase 1A; EC 1.1.1.1; Alcohol Dehydrogenase 1 (Class I), Alpha Polypeptide; ADH, Alpha Subunit; Aldehyde Reductase; EC 1.1.1

Background

Gene Name: ADH1A
NCBI Gene Entry: 124
UniProt Entry: P07327

Application Information

Molecular Weight: Predicted, 40 kDa; observed, 40 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB4295
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Alcohol Dehydrogenase

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
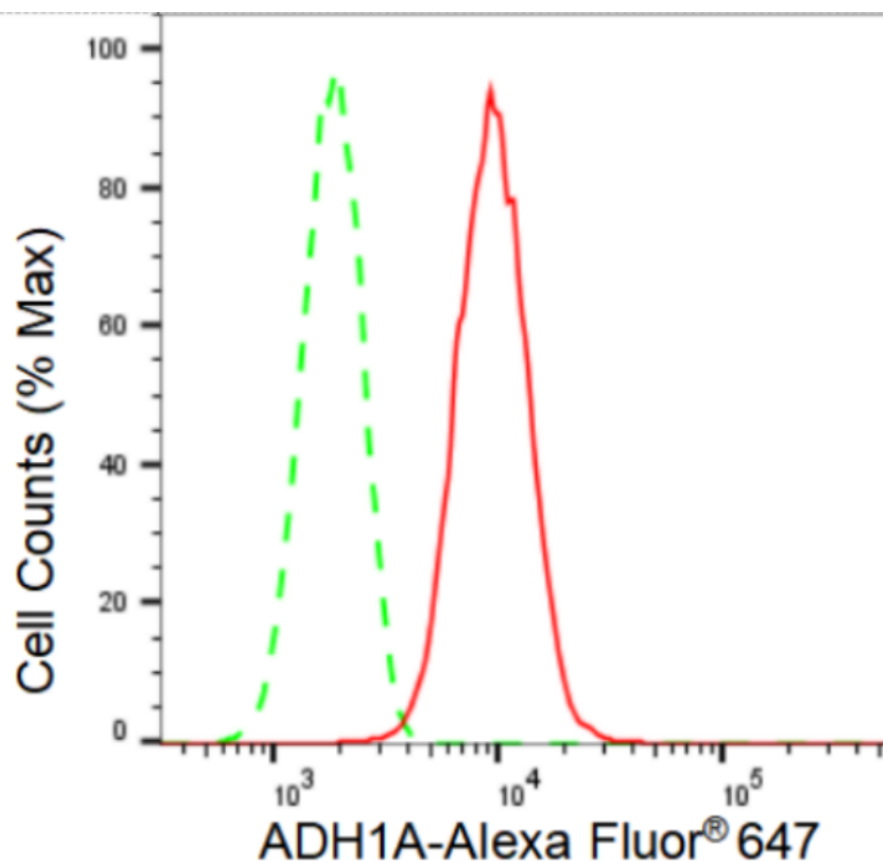
Note: This product is for research use only.

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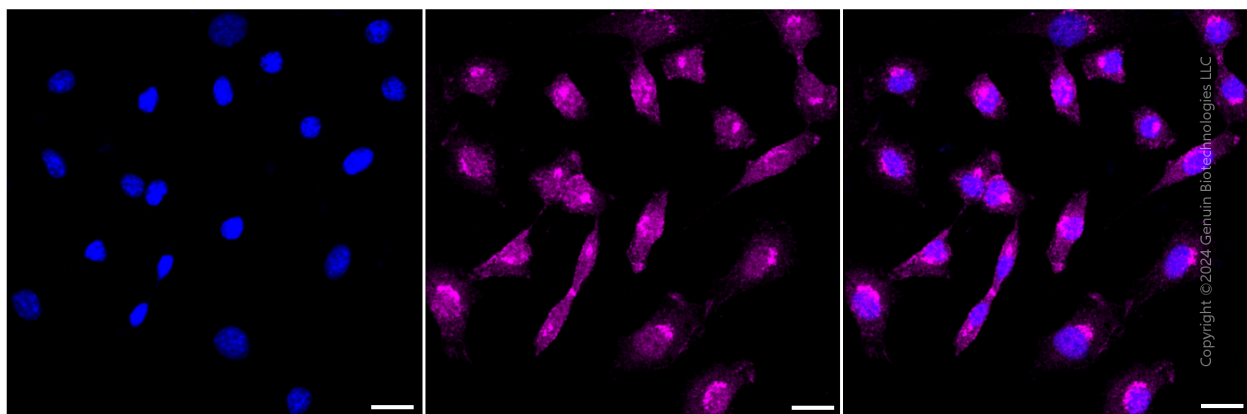**ORDERS**
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Validation Data

Flow cytometric analysis of ADH1A expression in C2C12 cells using ADH1A antibody (Cat#1744, 1:2000). Green, isotype control; red, ADH1A.

Immunocytochemical staining of C2C12 cells with ADH1A antibody (Cat#1744, 1:1,000). Nuclei were stained blue with DAPI; ADH1A 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.
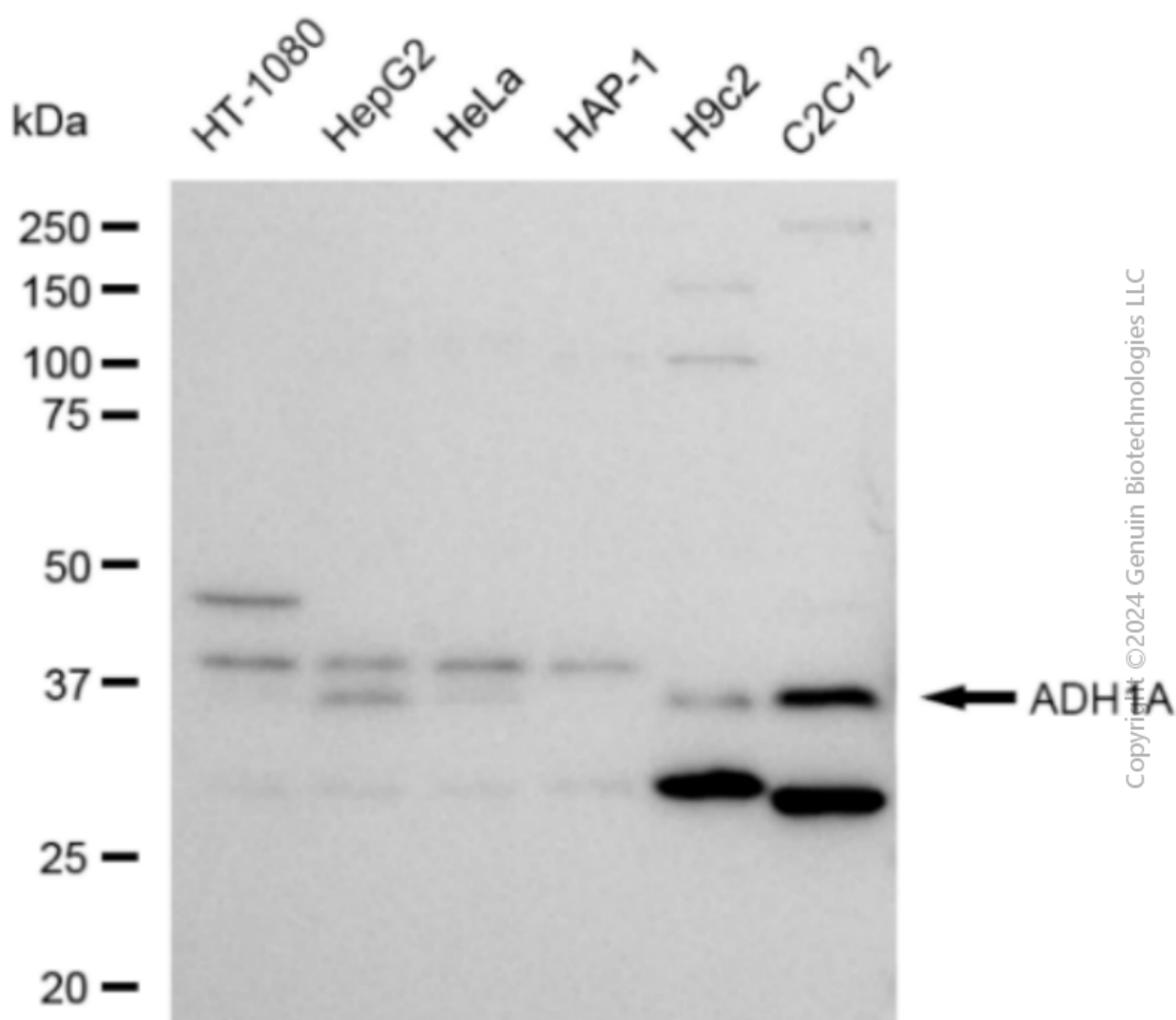

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Western blotting analysis using anti-ADH1A antibody (Cat#1744). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ADH1A antibody (Cat#1744, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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