Anti-Homeobox A9 Recombinant Rabbit Monoclonal Antibody

Catalog #: 2238

Aliases

HOXA9; Homeobox A9; HOX1G; Homeobox Protein Hox-A9; Homeobox Protein Hox-1G; HOX1; Homeodomain Protein HOXA9; Homeo Box A9; HOX1.7; ABD-B

Background

Gene Name: HOXA9
NCBI Gene Entry: 3205
UniProt Entry: P31269

Application Information

Molecular Weight: Predicted, 30 kDa; observed, 35 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB6645
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human HOXA9

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

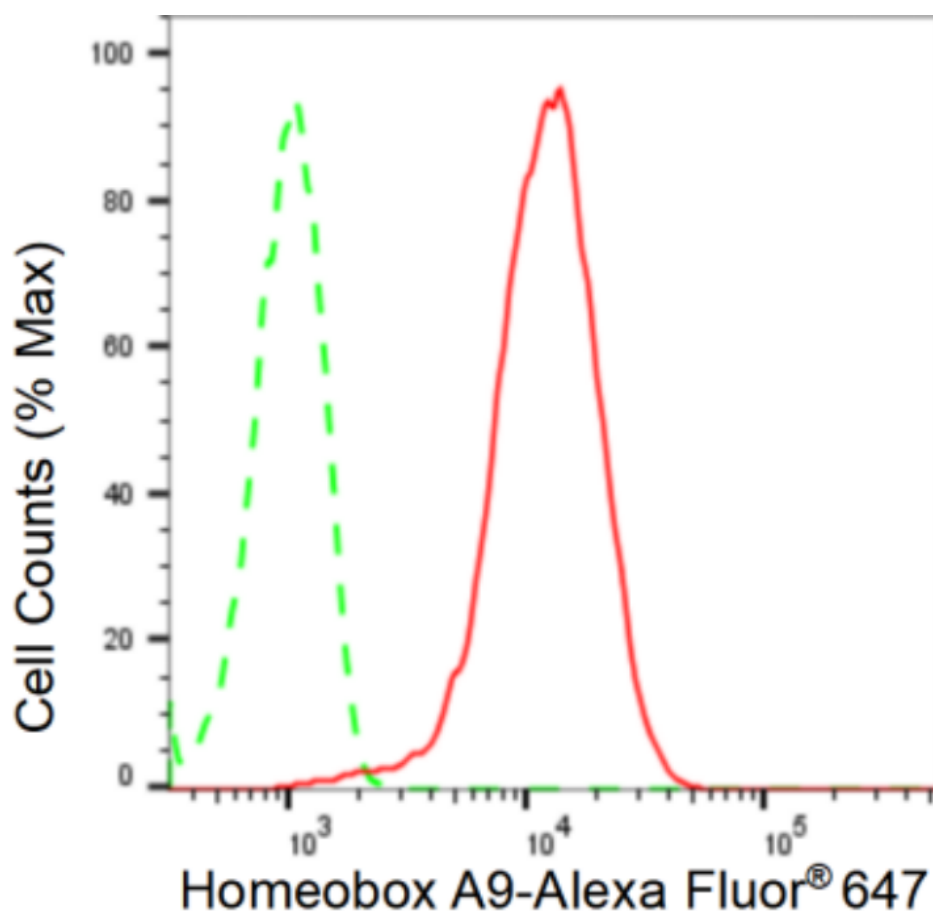**Note:** This product is for research use only.

Validation Data
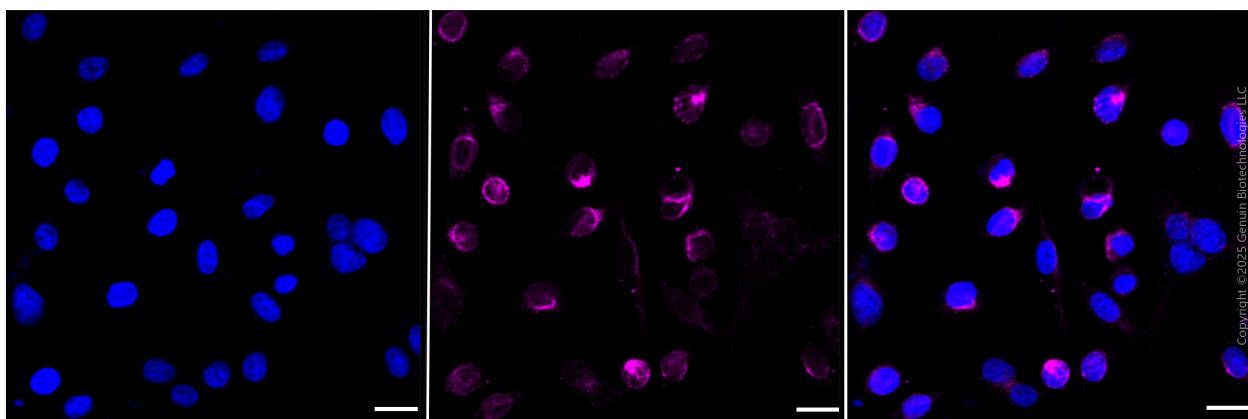

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SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS
SALES@GENUINBIOTECH.COM
FAX:+1-540-855-7041

WWW.GENUINBIOTECH.COM

Flow cytometric analysis of Homeobox A9 expression in HepG2 cells using Homeobox A9 antibody (Cat#2238, 1:2,000). Green, isotype control; red, Homeobox A9.

Immunocytochemical staining of HepG2 cells with anti-Homeobox A9 antibody (Cat #2238, 1:1,000) . Nuclei were stained blue with DAPI; Homeobox A9 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 μm.
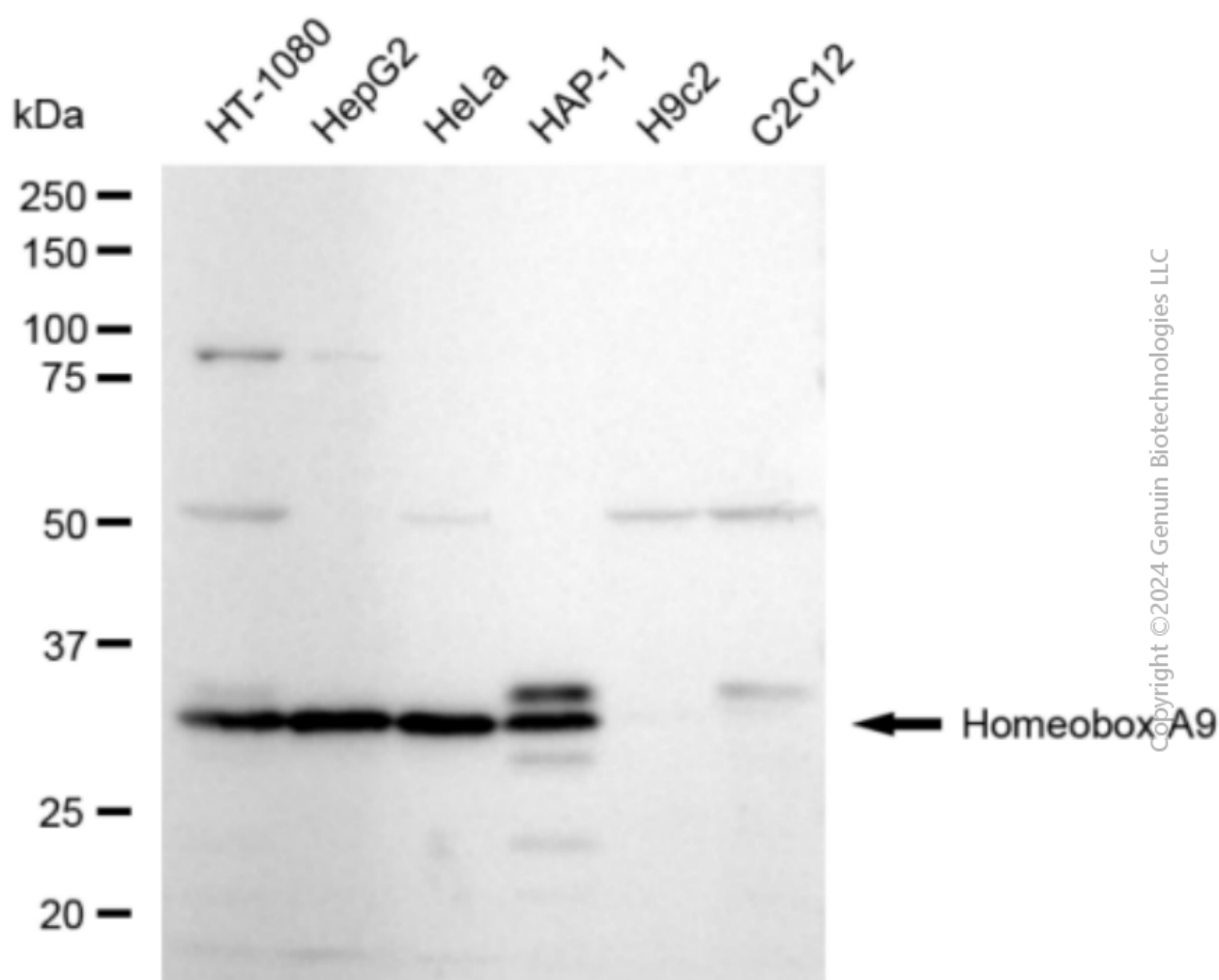
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Western blotting analysis using anti-Homeobox A9 antibody (Cat#2238). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Homeobox A9 antibody (Cat#2238, 1:5,000) and HRP-conjugated 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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