

Catalog #: 1897

Aliases

BMAL1; Basic Helix-Loop-Helix ARNT Like 1; PASD3; MOP3; Brain And Muscle ARNT-Like 1; BHLHe5; ARNTL1; ARNTL; JAP3; Aryl Hydrocarbon Receptor Nuclear Translocator-Like Protein 1; Aryl Hydrocarbon Receptor Nuclear Translocator Like; Basic Helix-Loop-Helix ARNT-Like Protein 1; Class E Basic Helix-Loop-Helix Protein 5; Basic Helix-Loop-Helix Family Member E5; Basic-Helix-Loop-Helix-PAS Protein MOP3; PAS Domain-Containing Protein 3; Member Of PAS Superfamily 3; PAS Domain Containing 3; Member Of PAS Protein 3; BHLH-PAS Protein JAP3; BHLHE5; Mutant Basic Helix-Loop-Helix ARNT-Like Protein 1; Testis Tissue Sperm-Binding Protein Li 50e; Basic-Helix-Loop-Helix-PAS Orphan MOP3; ARNT-Like Protein 1, Brain And Muscle; BMAL1c; TIC

Background

Gene Name: BMAL1

NCBI Gene Entry: [406](#)

UniProt Entry: [O00327](#)

Application Information

Molecular Weight: Predicted, 69 kDa; observed, 68 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB4875

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human BMAL1

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

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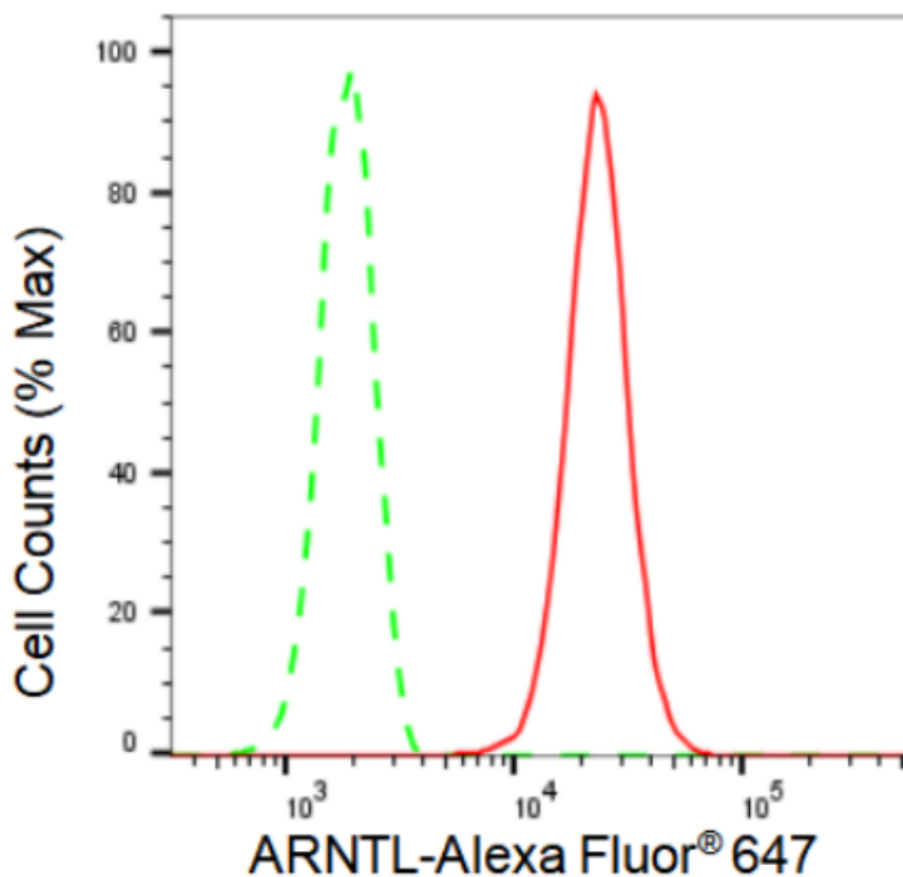
Anti-ARNTL Recombinant Rabbit Monoclonal Antibody

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Western Blotting (WB): 1:1,000-1:5,000
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM): 1:2,000

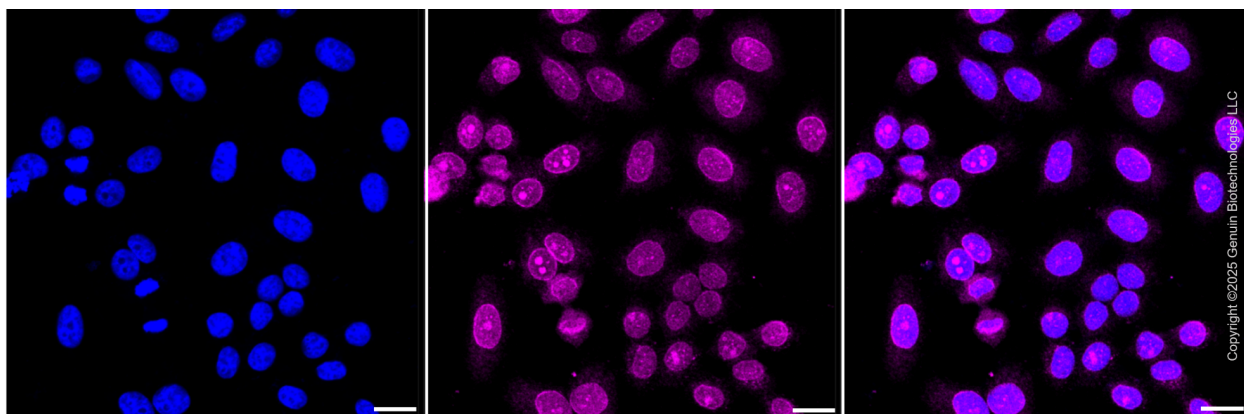
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Validation Data



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Flow cytometric analysis of ARNTL expression in HepG2 cells using ARNTL antibody (Cat#1897, 1:2,000). Green, isotype control; red, ARNTL.



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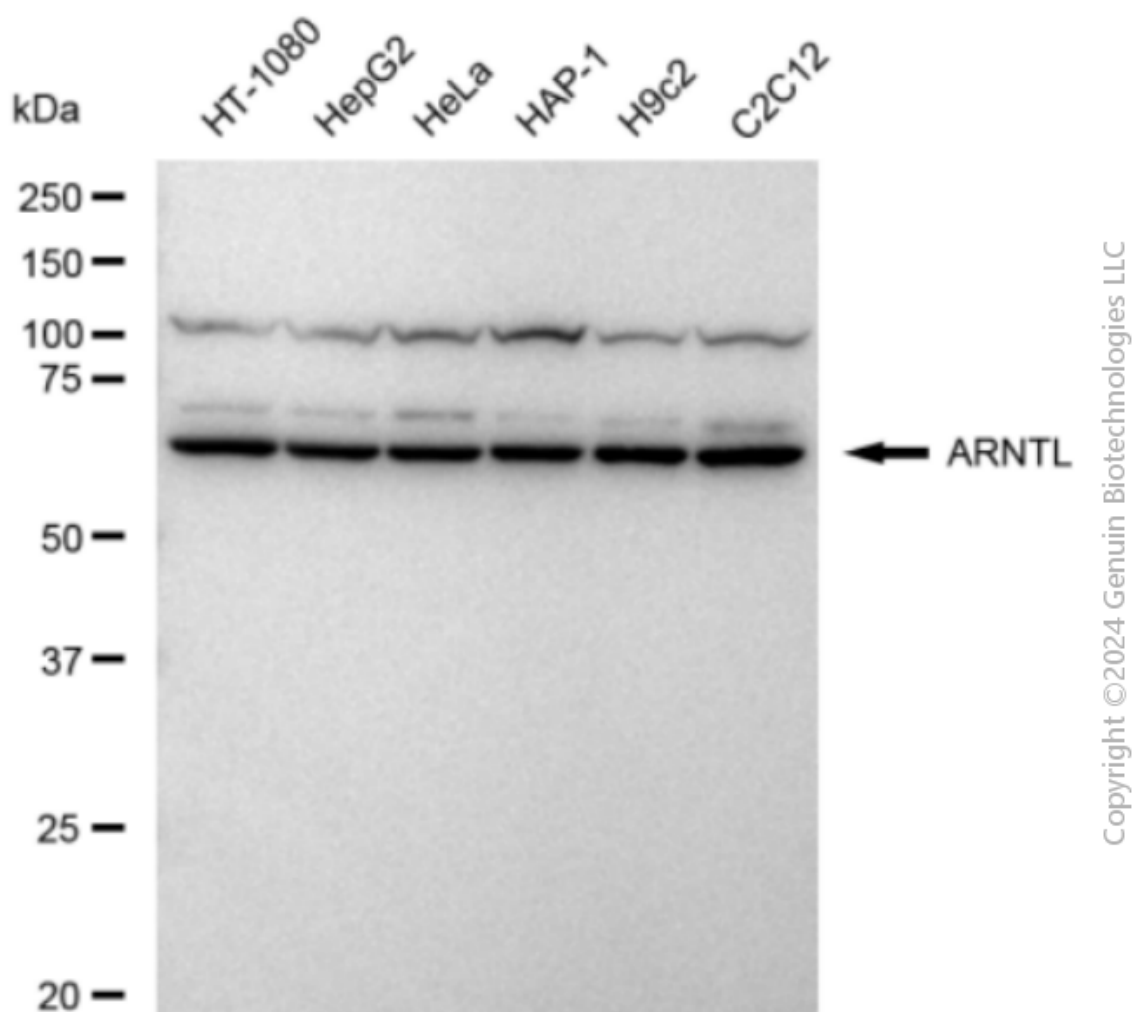
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Immunocytochemical staining of HepG2 cells with anti-ARNTL antibody (Cat #1897, 1:1,000). Nuclei were stained blue with DAPI; ARNTL was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-ARNTL antibody (Cat#1897). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ARNTL antibody (Cat#1897, 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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