Anti-AIFM1 Recombinant Rabbit Monoclonal Antibody

![GenuIN Biotech - REAL MATTERS]

Catalog #: 2902

Aliases

AIFM1; Apoptosis Inducing Factor Mitochondria Associated 1; AIF; CMTX4; DFNX5; PDCD8; Apoptosis-Inducing Factor, Mitochondrion-Associated, 1; Programmed Cell Death 8 (Apoptosis-Inducing Factor); Apoptosis-Inducing Factor 1, Mitochondrial; Auditory Neuropathy, X-Linked Recessive 1; AUNX1; NAMSD; Neuropathy,Axonal, Motor-Sensory With Deafness And Mental Retardation (Cowchock Syndrome); Apoptosis Inducing Factor, Mitochondria Associated 1; Striatal Apoptosis-Inducing Factor; Testicular Secretory Protein Li 4; Programmed Cell Death Protein 8; EC 1.6.99.-; COXPD6; SEMDHL; CMT2D; COWCK; NADMR

Background

Gene Name: AIFM1
NCBI Gene Entry: 9131
UniProt Entry: O95831

Application Information

Molecular Weight: Predicted, 67 kDa; observed, 67 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB3085
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human AIF

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
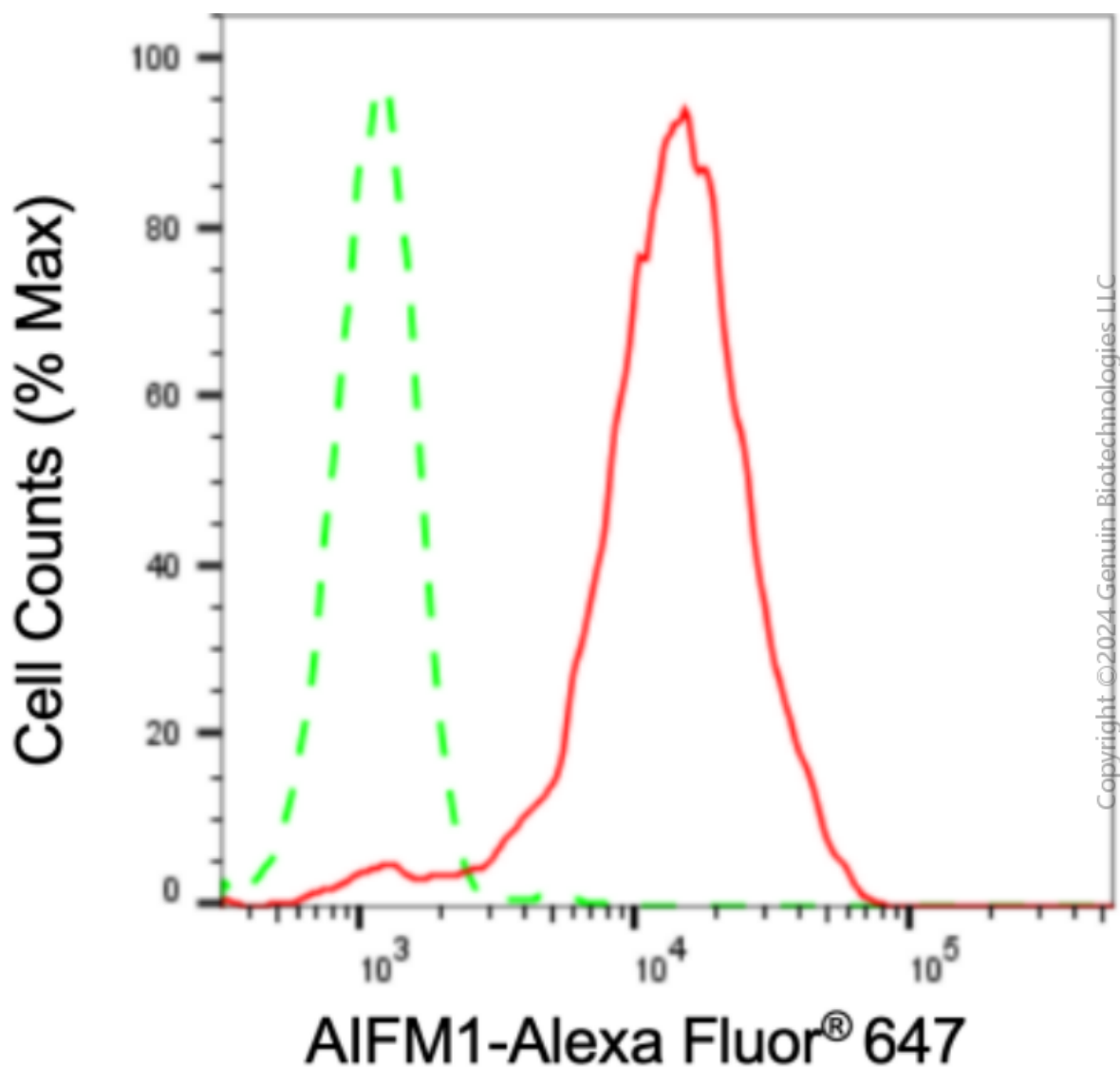Flow Cytometry (FCM): 1:2,000

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Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

Flow cytometric analysis of AIFM1 expression in HepG2 cells using anti-AIFM1 antibody (Cat#2902, 1:2,000). Green, isotype control; red, AIFM1.
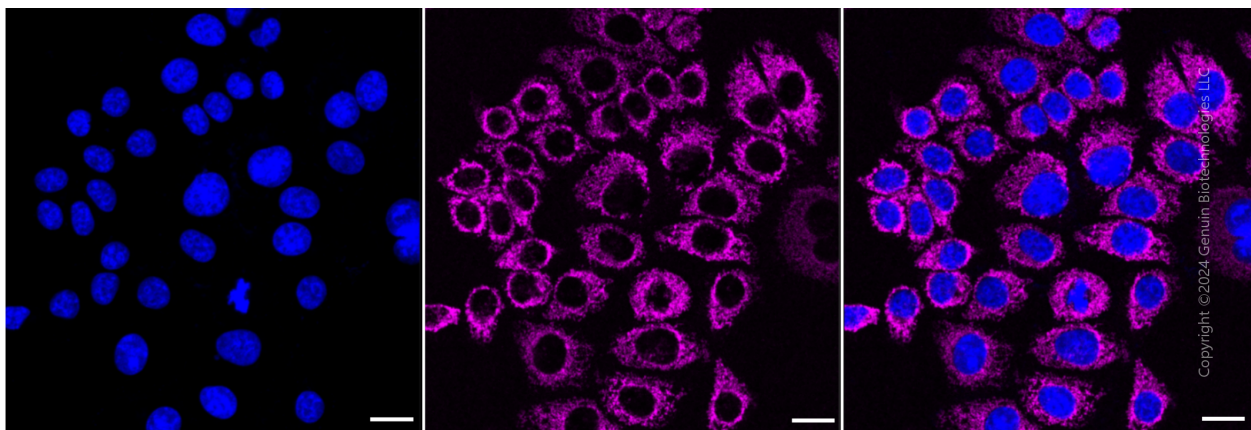
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Immunocytochemical staining of HepG2 cells with anti-AIFM1 antibody (Cat#2902, 1:1,000). Nuclei were stained blue with DAPI; AIFM1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μm.

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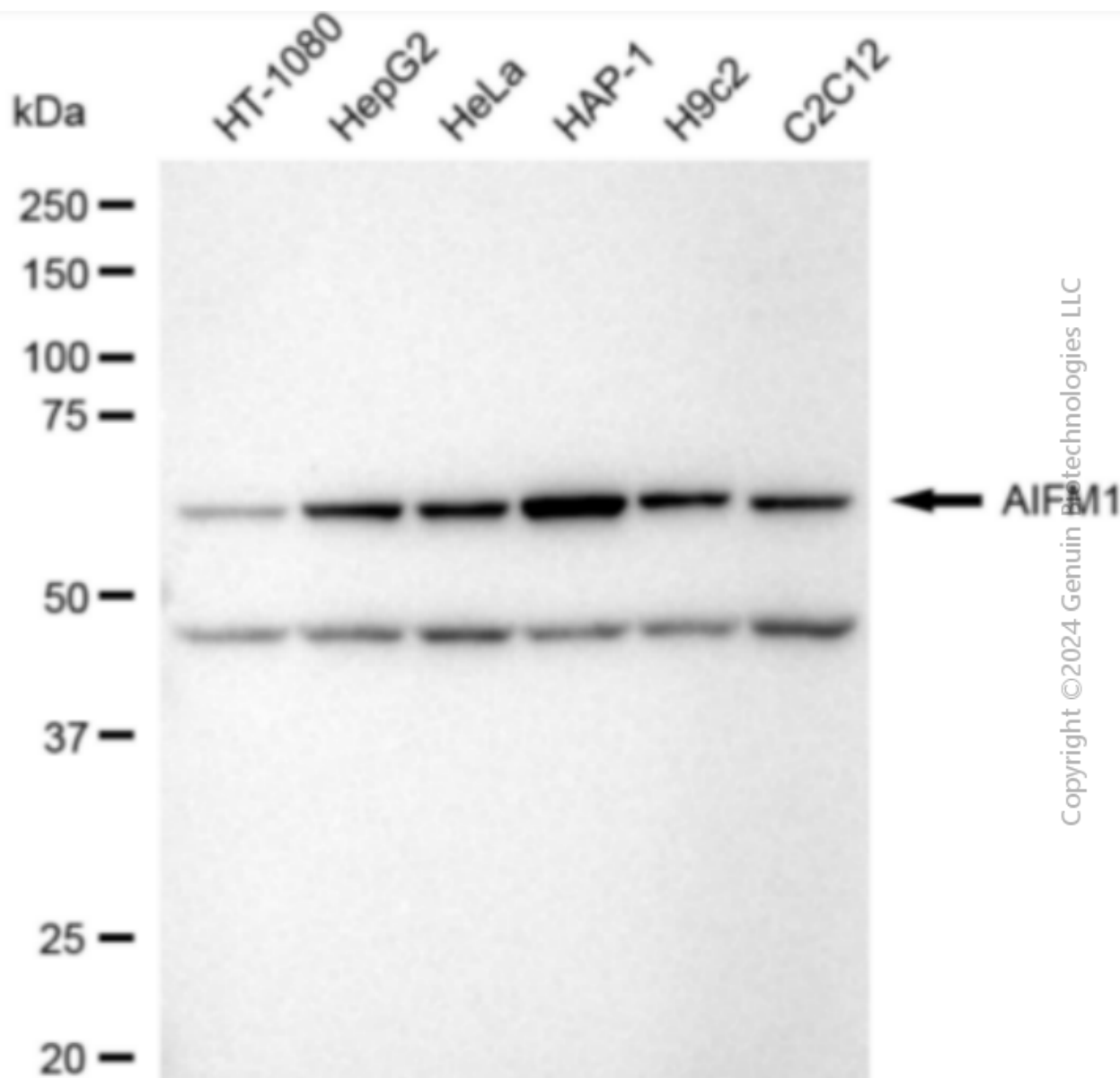
Western blotting analysis using anti-AIFM1 antibody (Cat#2902). Total cell lysates (5 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AIFM1 antibody (Cat#2902, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).