

Catalog #: 62063

Aliases

ELAVL1; ELAV Like RNA Binding Protein 1; HUR; ELAV (Embryonic Lethal, Antibodynormal Vision, Drosophila)-Like 1 (Hu Antigen R); Embryonic Lethal, Antibodynormal Vision, Drosophila, Homolog-Like 1; ELAV-Like Protein 1; Hu Antigen R; Hu-Antigen R; MelG; HuR; Hua; ELAV1; MELG; HUA

Background

Gene Name: ELAVL1 NCBI Gene Entry: 1994 UniProt Entry: Q15717

Application Information

Molecular Weight: Predicted, 36 kDa, observed, 30 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB5815

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human HuR / ELAVL1

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

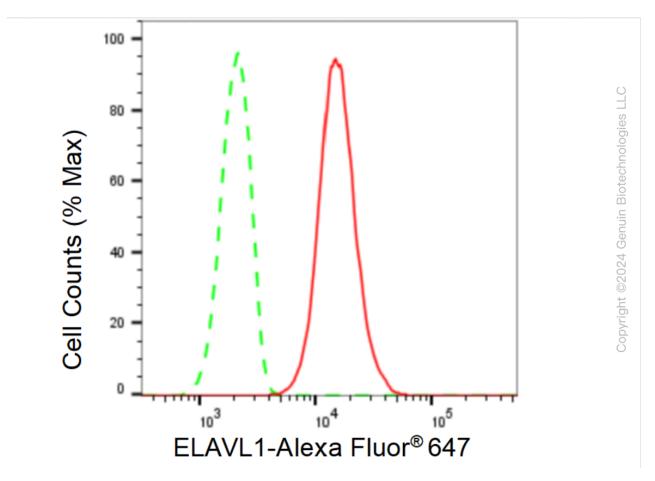
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

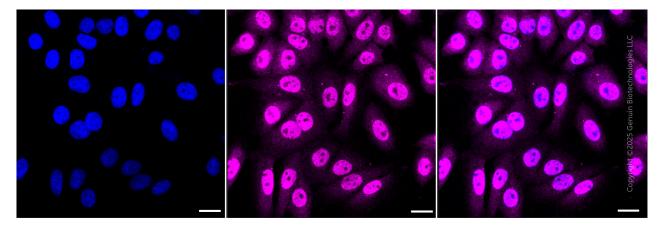
Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

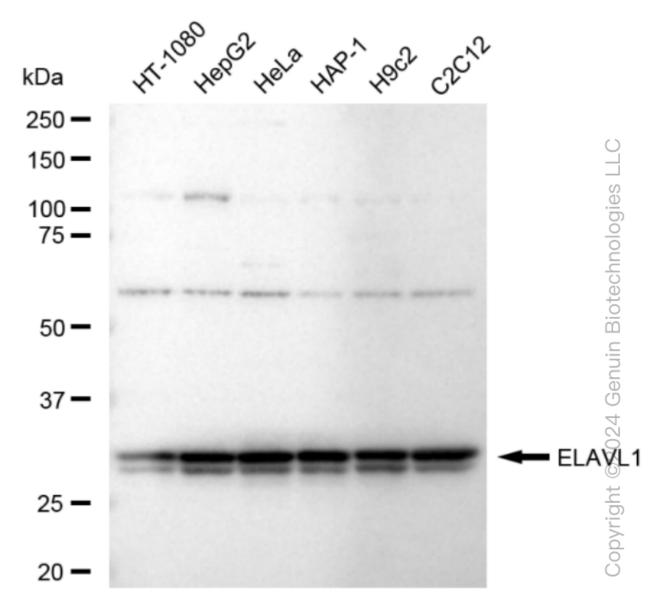


Flow cytometric analysis of ELAVL1 expression in HepG2 cells using ELAVL1 antibody (Cat#62063, 1:2,000). Green, isotype control; red, ELAVL1.

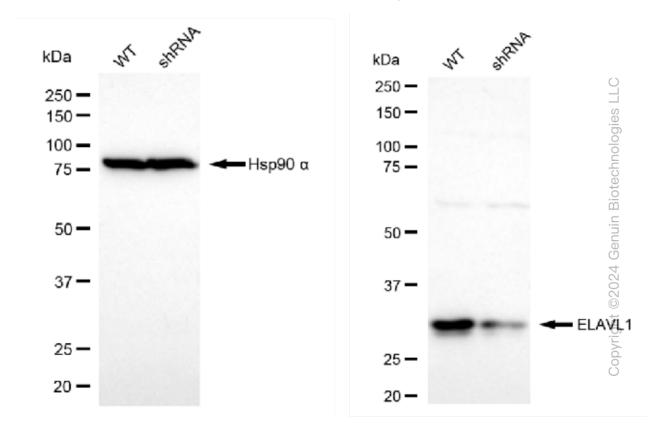


Immunocytochemical staining of HepG2 cells with anti-ELAVL1 antibody (Cat#62063, 1:1,000). Nuclei were stained blue with DAPI; ELAVL1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart

gain: Medium. Scale bar, 20 µm.

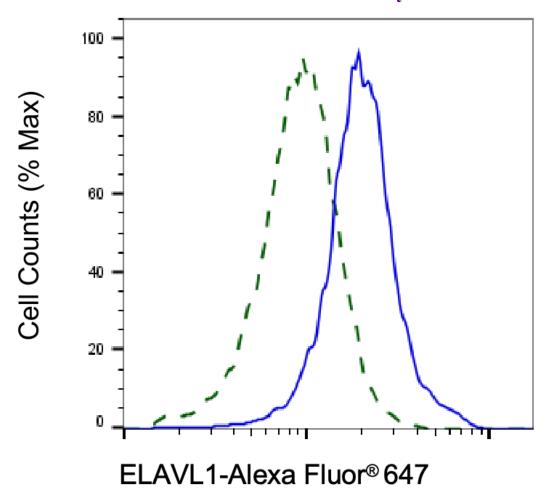


Western blotting analysis using anti-ELAVL1 antibody (Cat#62063). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ELAVL1 antibody (Cat#62063, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).



Western blotting analysis using anti- ELAVL1 antibody (Cat#62063). ELAVL1 expression in wild type (WT) and ELAVL1 shRNA knockdown (KD) HeLa cells with 30 μg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti- ELAVL1 antibody (Cat#62063, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).





Validation of ELAVL1 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-ELAVL1 antibody (Cat#62063, 1:2,000) and analyzed using BD flow cytometer.