

Anti-DExD-Box Helicase 39B Mouse Monoclonal Antibody



Catalog #: 3503

Aliases

DDX39B; DExD-Box Helicase 39B; D6S81E; Uap56; BAT1; DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 39B; HLA-B-Associated Transcript 1 Protein; 56 KDa U2AF65-Associated Protein; Spliceosome RNA Helicase DDX39B; ATP-Dependent RNA Helicase P47; DEAD-Box Helicase 39B; Nuclear RNA Helicase (DEAD Family); HLA-B Associated Transcript 1; Spliceosome RNA Helicase BAT1; U2AF65-Associated Protein 56; DEAD Box Protein UAP56; EC 3.6.4.13; UAP56

Background

Gene Name: DDX39B

NCBI Gene Entry: [7919](#)

UniProt Entry: [Q13838](#)

Application Information

Molecular Weight: Predicted, 49 kDa; observed, 49 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB6245

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human BAT1

Isotype

Mouse IgG2b

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): 1:1,000-1:2,500

Flow Cytometry (FCM): 1:2,000

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

SUPPORT

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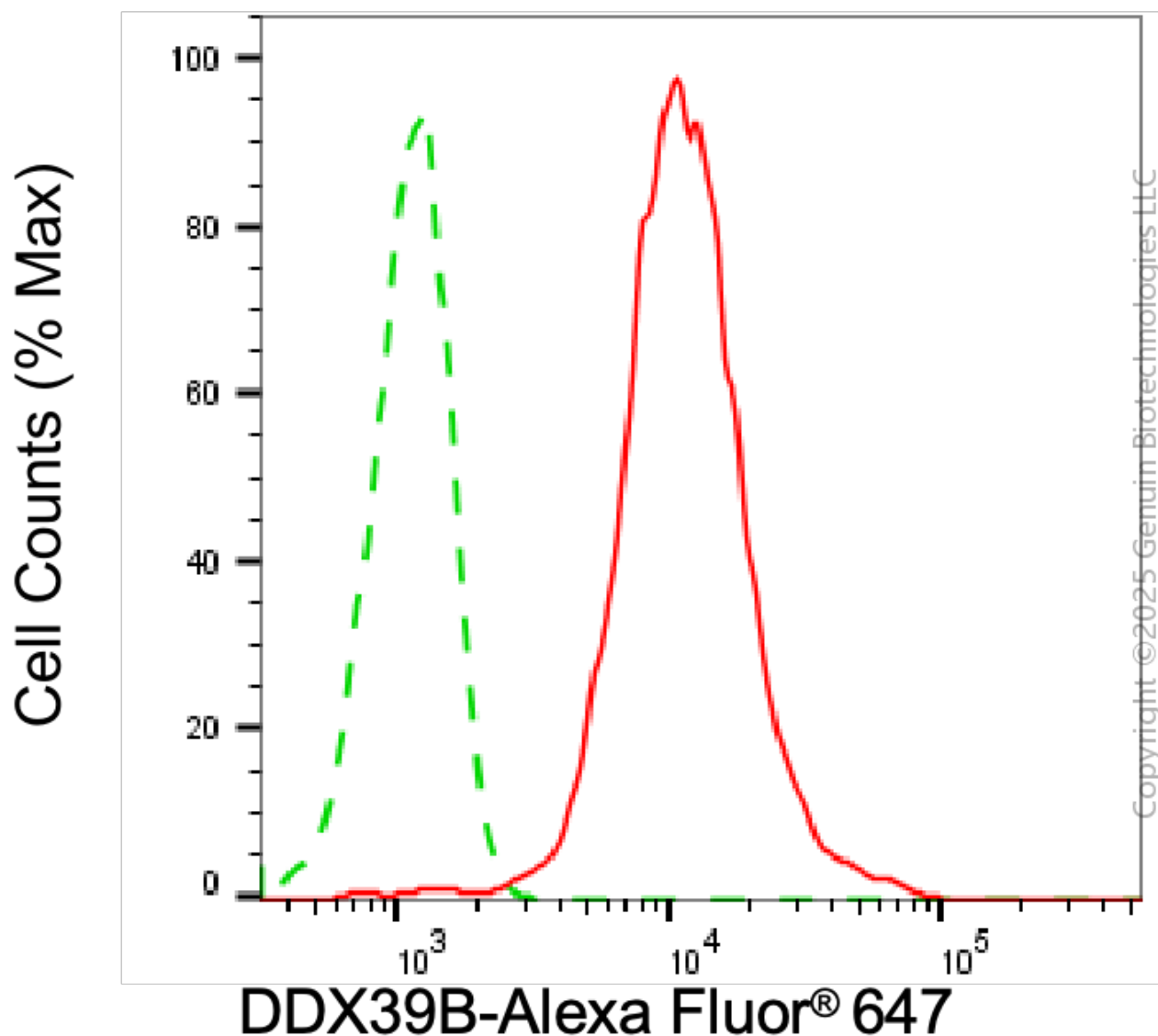
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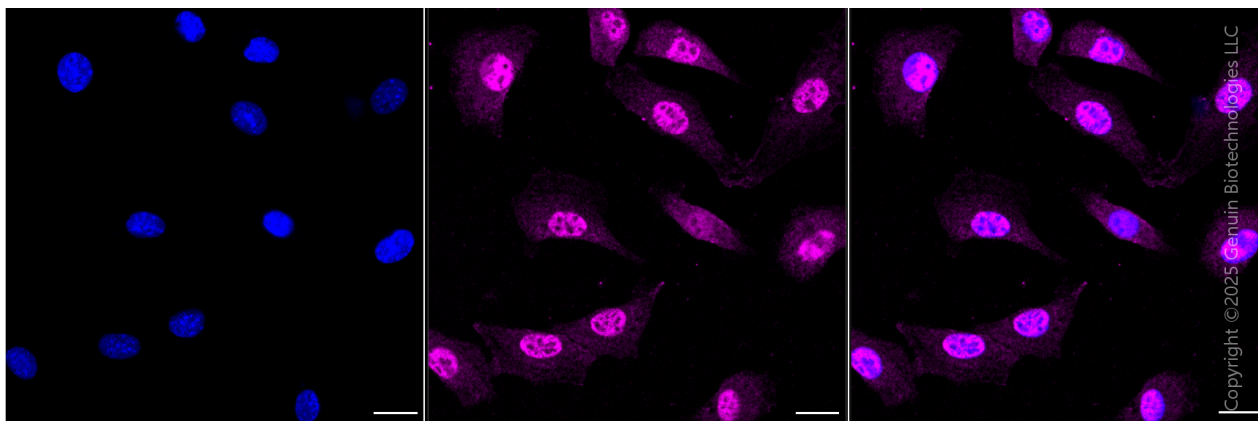
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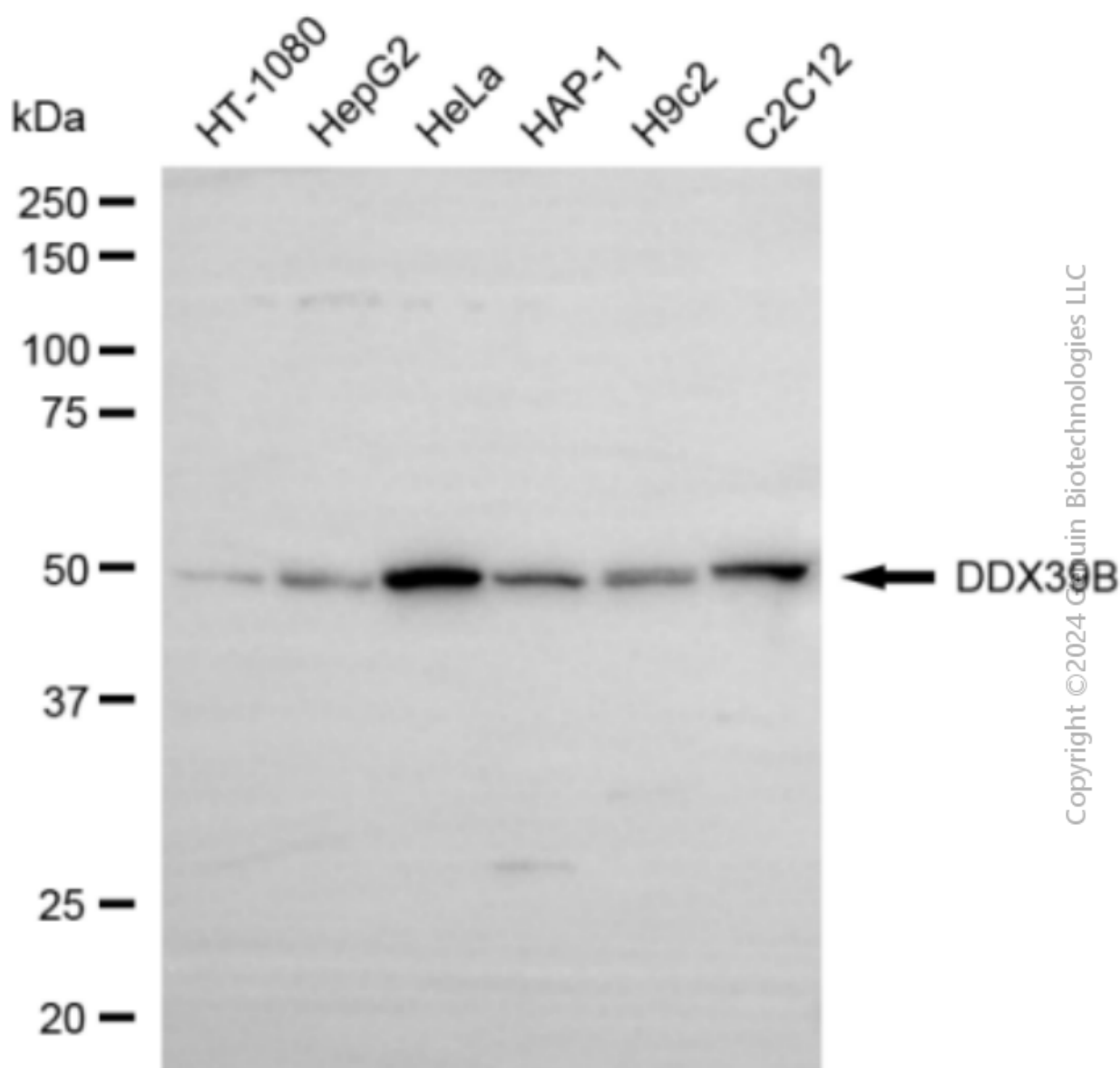
Validation Data



Flow cytometric analysis of DDX39B expression in C2C12 cells using anti-DDX39B antibody (Cat#3503, 1:2,000). Green, isotype control; red, DDX39B.



Immunocytochemical staining of C2C12 cells with anti-DDX39B antibody (Cat#3503, 1:1,000) . Nuclei were stained blue with DAPI;DDX39B 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-DDX39B antibody (Cat#3503). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DDX39B antibody (Cat#3503, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).