

KD-Validated Anti-DDX3X Mouse Monoclonal Antibody



Catalog #: 65257

Aliases

DDX3X; DEAD-Box Helicase 3 X-Linked; CAP-Rf; HLP2; DBX; Helicase-Like Protein 2; DDX14; DDX3; DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 3, X-Linked; DEAD (Asp-Glu-Ala-Asp) Box Helicase 3, X-Linked; DEAD/H (Asp-Glu-Ala-Asp/His) Box Polypeptide 3; DEAD Box Protein 3, X-Chromosomal; ATP-Dependent RNA Helicase DDX3X; DEAD Box, X Isoform; DEAD/H Box-3; EC 3.6.4.13; EC 3.6.1; MRX102; MRXSSB

Background

Gene Name: DDX3X

NCBI Gene Entry: [1654](#)

UniProt Entry: [O00571](#)

Application Information

Molecular Weight: Predicted, 73 kDa; observed, 74 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB390

Species Reactivity: Human, mouse, rat

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

Immunogen

Recombinant protein of human DDX3

Isotype

Mouse IgG2a

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): 1:400-1:2,000

Flow Cytometry (FCM): 1:1,000

SUPPORT

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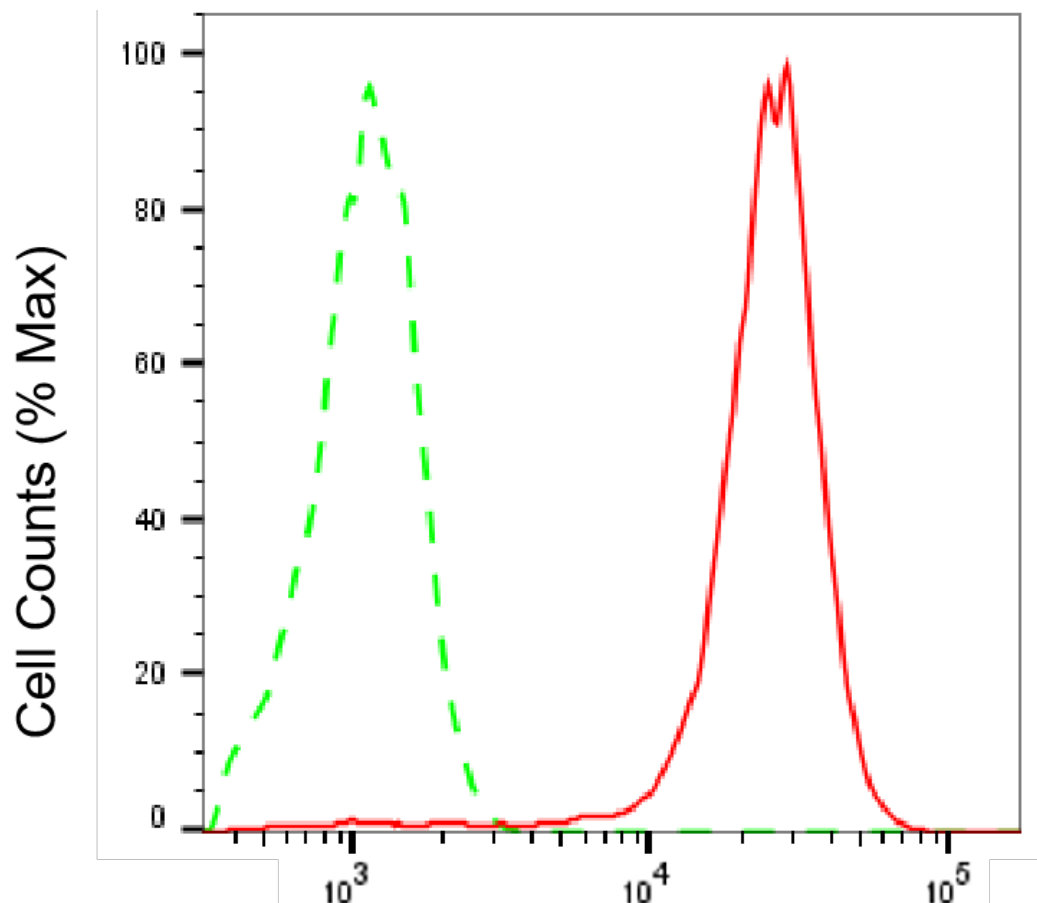
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Note: This product is for research use only.

Validation Data



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DDX3X-Alexa Fluor® 647

Flow cytometric analysis of DDX3X expression in HepG2 cells using anti-DDX3X antibody (Cat#65257, 1:2,000). Green, isotype control; red, DDX3X.

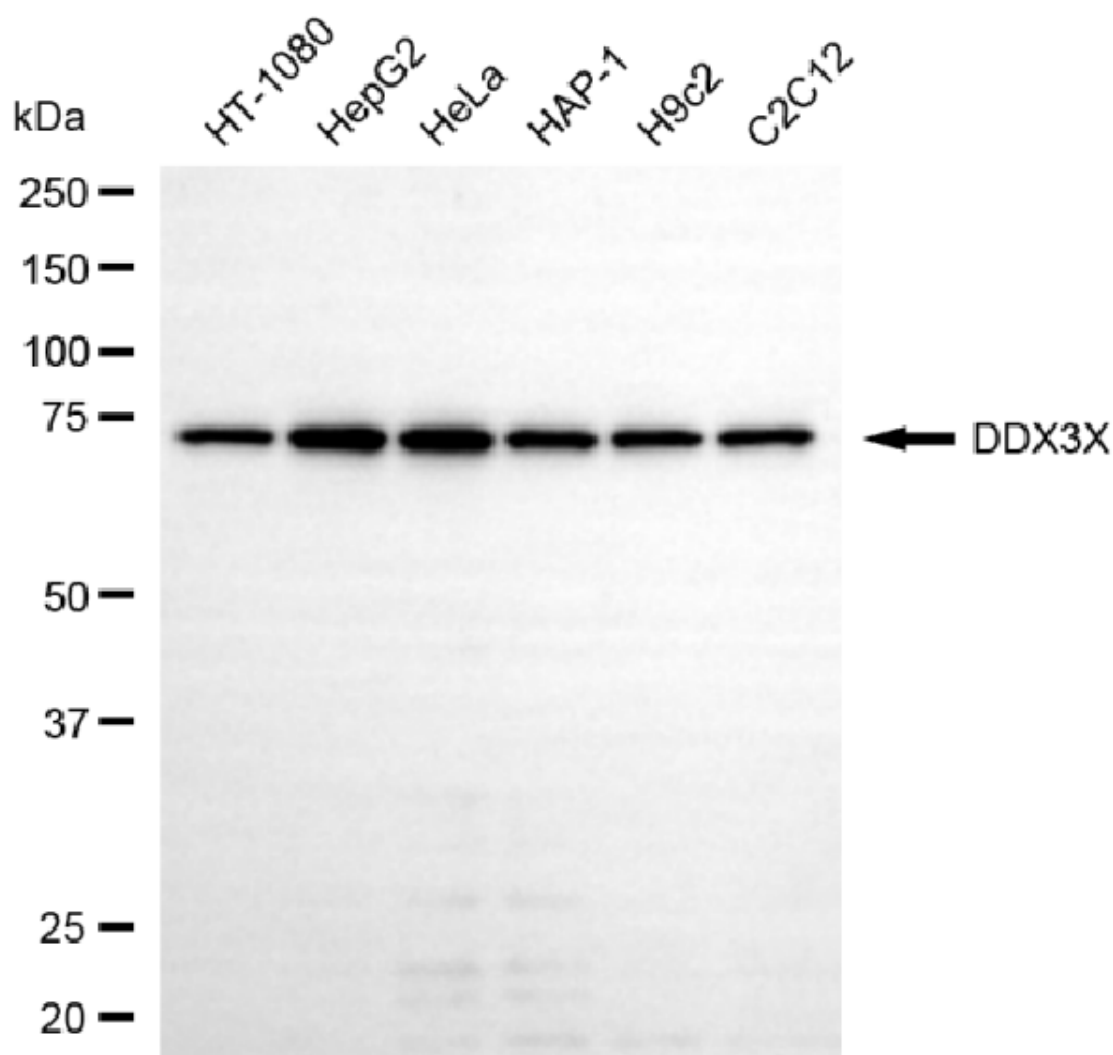
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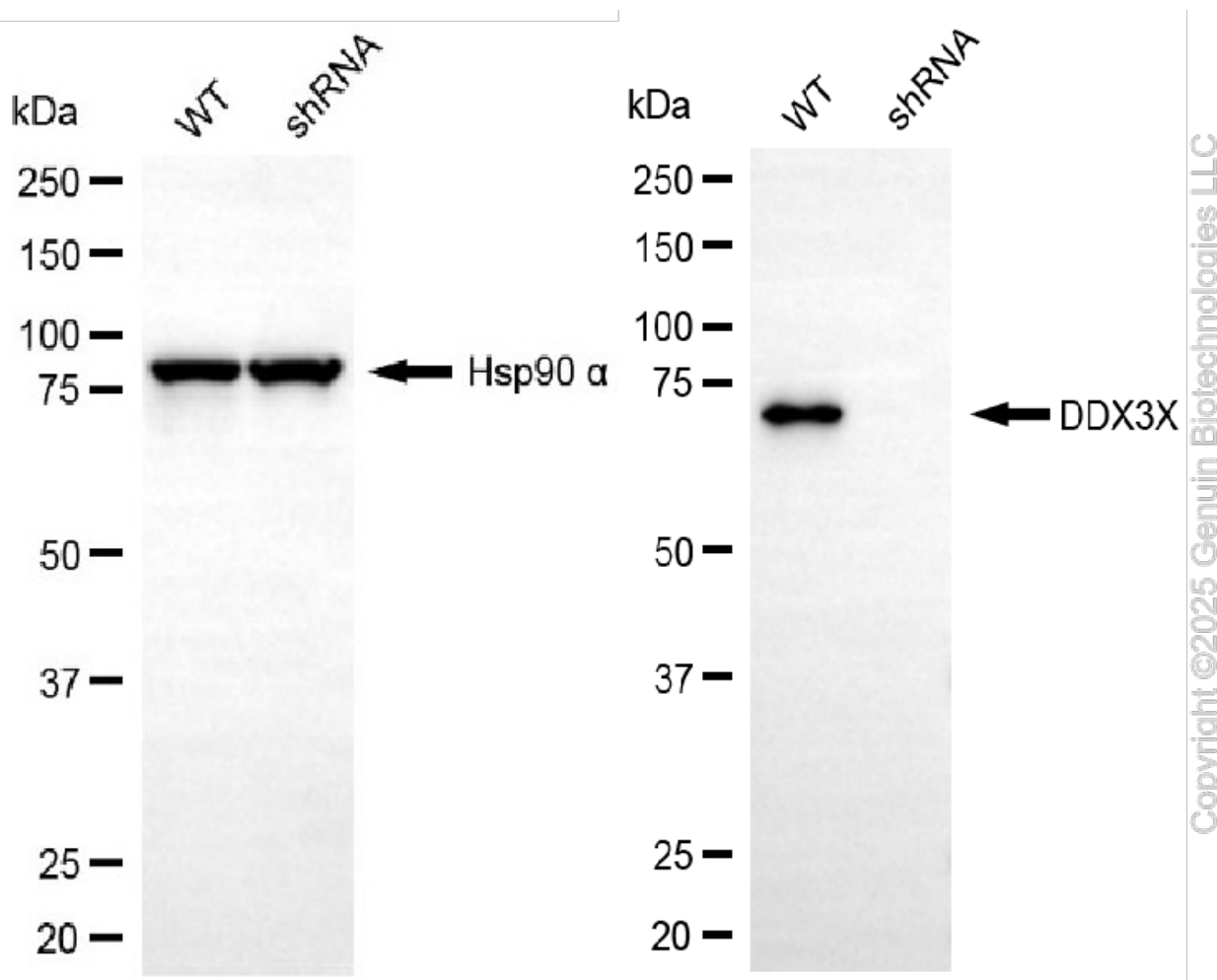
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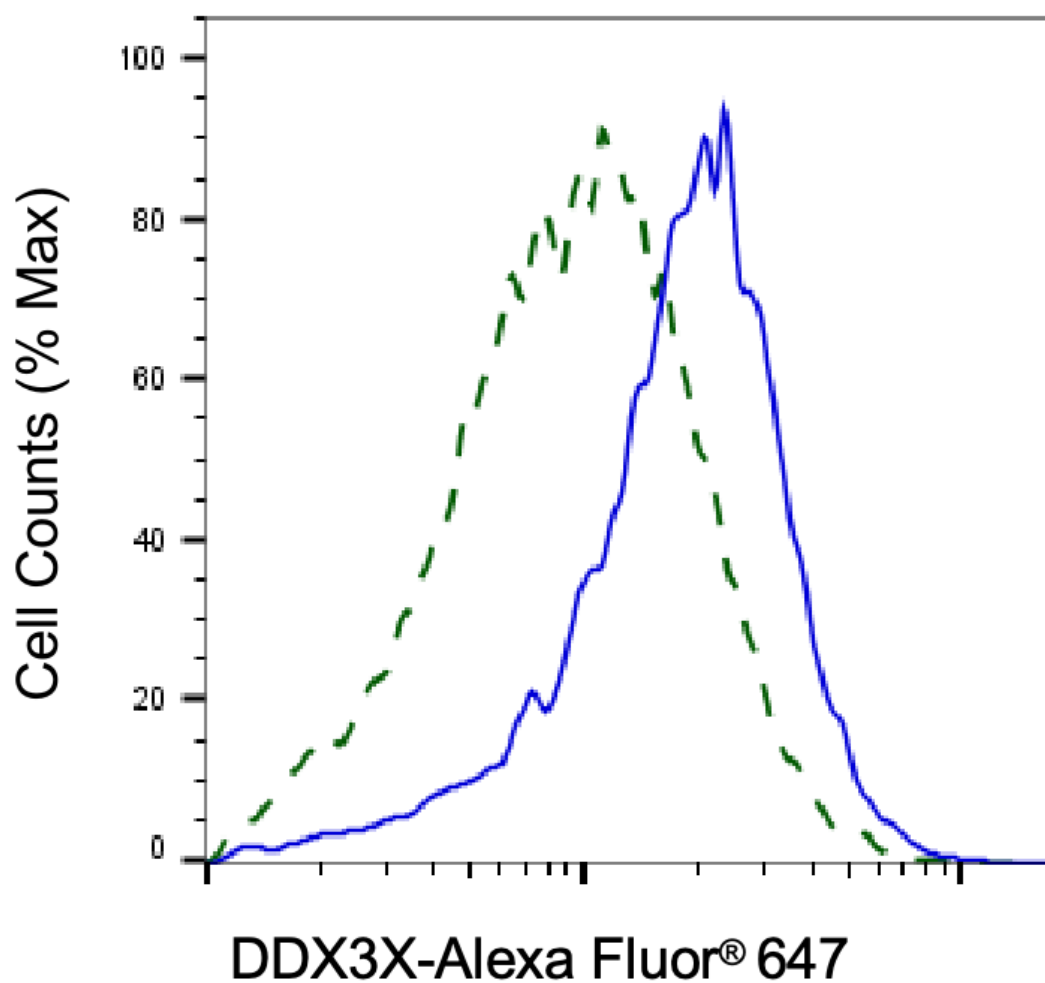


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Western blotting analysis using anti-DDX3X antibody (Cat#65257). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DDX3X antibody (Cat#65257, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-DDX3X antibody (Cat#65257). DDX3X expression in wild-type (WT) and DDX3X shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-DDX3X antibody (Cat#65257, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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Validation of DDX3X knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-DDX3X antibody (Cat#65257, 1:2,000) and analyzed using BD flow cytometer.