

Catalog #: 65587

Aliases

NUDT9; Nudix Hydrolase 9; Nudix (Nucleoside Diphosphate Linked Moiety X)-Type Motif 9; ADP-Ribose Pyrophosphatase, Mitochondrial; Adenosine Diphosphoribose Pyrophosphatase; ADP-Ribose Phosphohydrolase; ADP-Ribose Diphosphatase; ADPR-PPase; MGC3037; NUDT10; Nucleoside Diphosphate Linked Moiety X-Type Motif 9; Nucleoside Diphosphate-Linked Moiety X Motif 9; ADP-Ribose Pyrophosphatase NUDT9; Nudix Motif 9; EC 3.6.1.13

Background

Gene Name: NUDT9

NCBI Gene Entry: [53343](#)

UniProt Entry: [Q9BW91](#)

Application Information

Molecular Weight: Predicted, 39 kDa; observed, 39 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB4395

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human NUDT9

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

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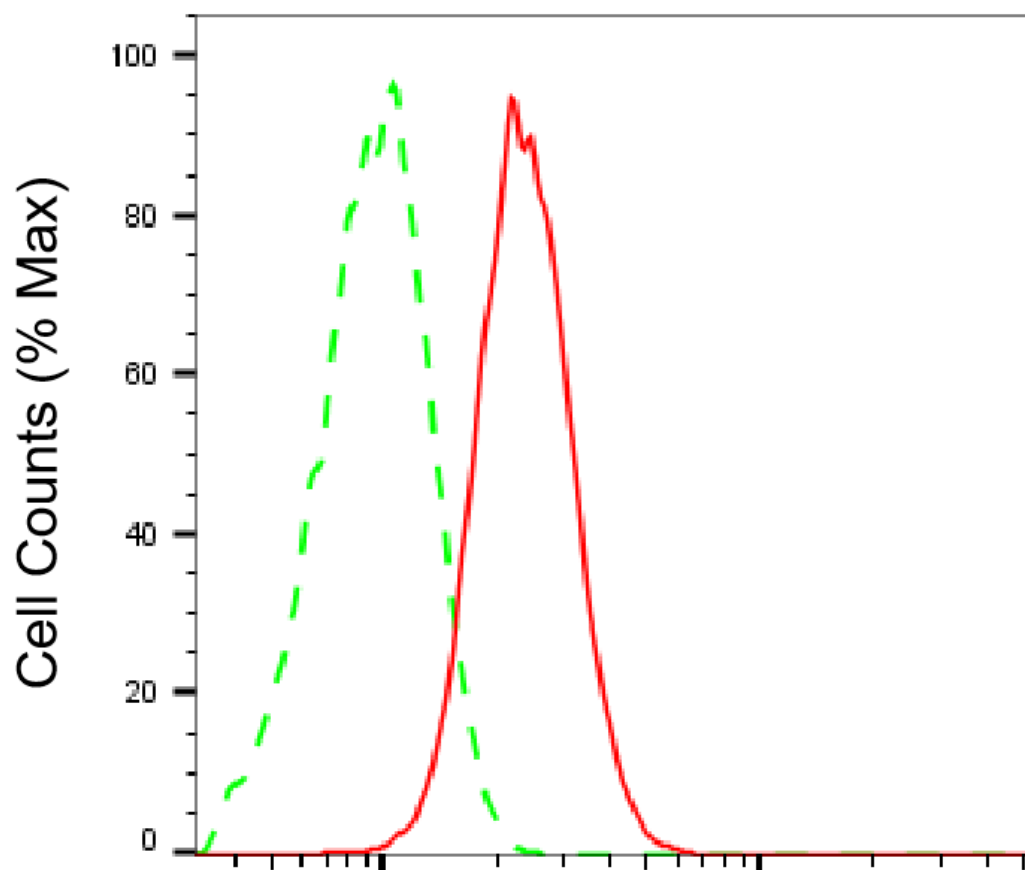
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KD-Validated Anti-NUDT9 Rabbit Monoclonal Antibody

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Note: This product is for research use only.

Validation Data



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Nudix hydrolase 9-Alexa Fluor® 647

Flow cytometric analysis of Nudix hydrolase 9 expression in HepG2 cells using anti-Nudix hydrolase 9 antibody (Cat#65587, 1:2,000). Green, isotype control; red, Nudix hydrolase 9.

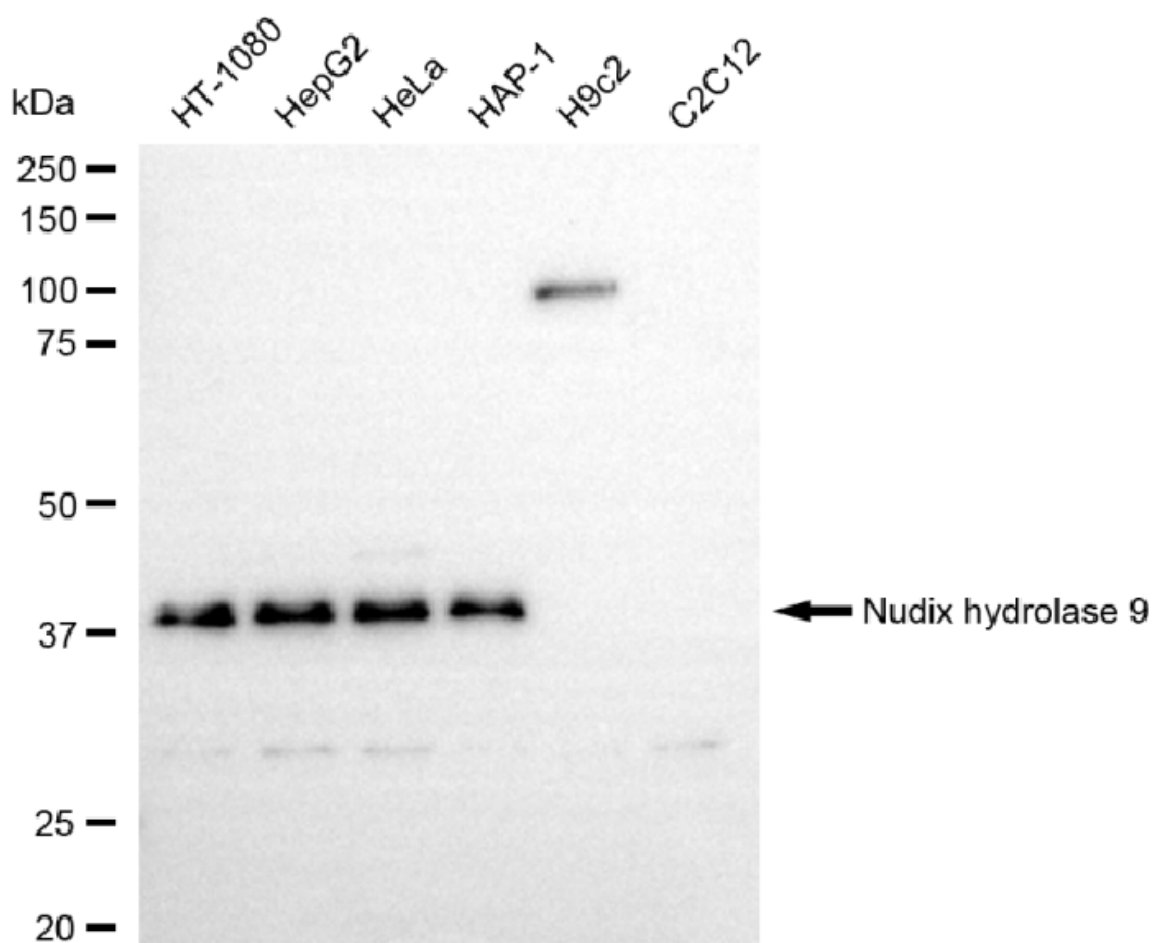
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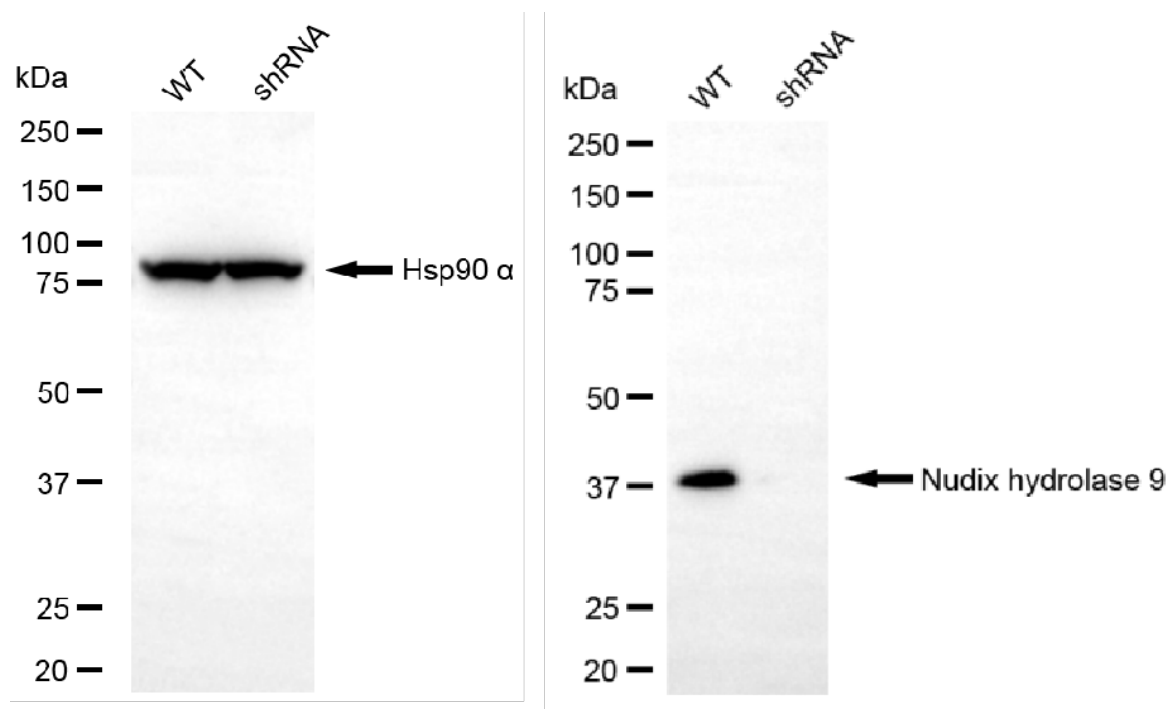
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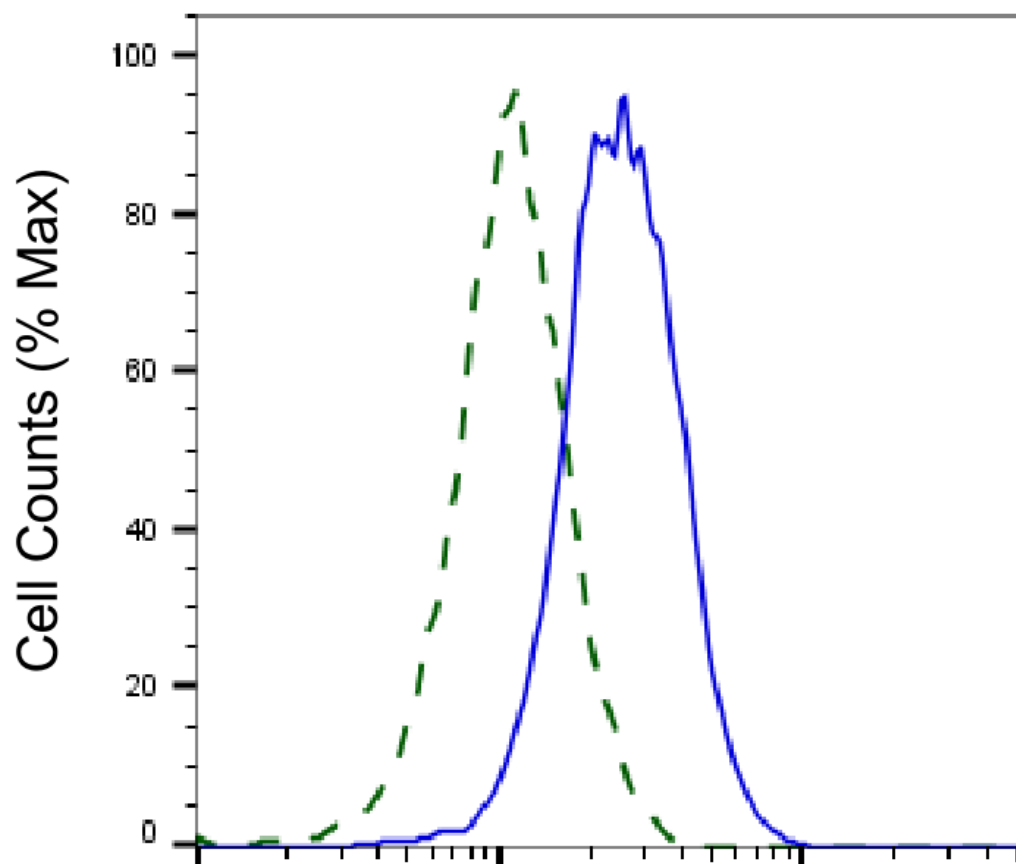


Western blotting analysis using anti-nudix hydrolase 9 antibody (Cat#65587). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-nudix hydrolase 9 antibody (Cat#65587, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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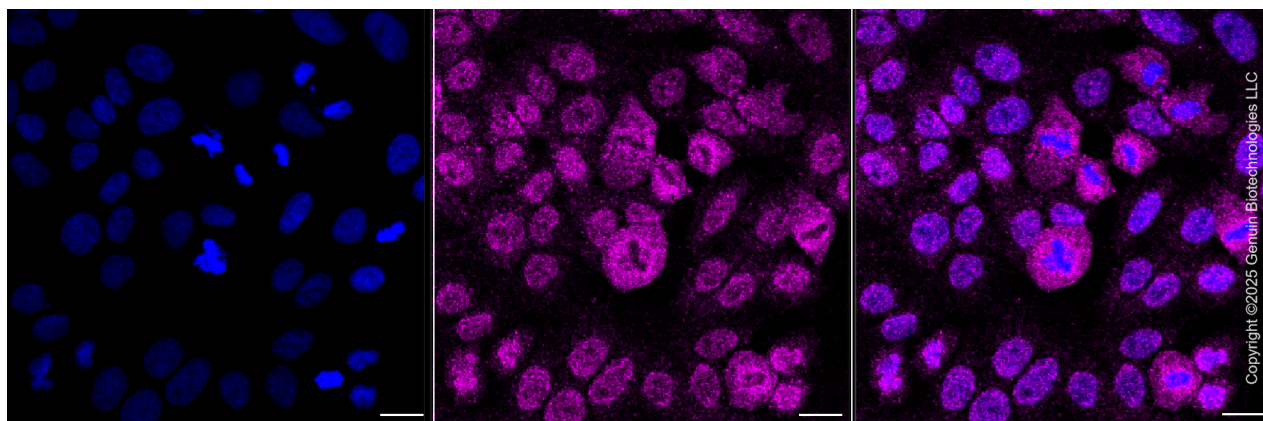
Western blotting analysis using anti-nudix hydrolase 9 antibody (Cat#65587). Nudix hydrolase 9 expression in wild-type (WT) and nudix hydrolase 9 (NUDT9) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-nudix hydrolase 9 antibody (Cat#65587, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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Nudix hydrolase 9-Alexa Fluor® 647

Validation of Nudix hydrolase 9 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-Nudix hydrolase 9 antibody (Cat#65587, 1:2,000) and analyzed using BD flow cytometer.



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Immunocytochemical staining of HepG2 cells with anti-Nudix hydrolase 9 antibody (Cat#65587, 1:1,000) . Nuclei were stained blue with DAPI; Nudix hydrolase 9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser

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