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[KD-Validated] Anti-Nudix hydrolase 1 Rabbit Monoclonal Antibody

Cat No.: KD-10652

Aliases:

NUDT1; Nudix Hydrolase 1; 7,8-Dihydro-8-Oxoguanine Triphosphatase; Nudix Motif 1; 8-Oxo-DGTPase; MTH1; Nudix (Nucleoside Diphosphate Linked Moiety X)-Type Motif 1; Nucleoside Diphosphate-Linked Moiety X-Type Motif 1; Methylated Purine Nucleoside Triphosphate Hydrolase; Oxidized Purine Nucleoside Triphosphate Hydrolase; 8-Oxo-7,8-Dihydrodeoxyguanosine Triphosphatase; Nucleoside Diphosphate-Linked Moiety X Motif 1; 8-Oxo-7,8-Dihydroguanosine Triphosphatase; 2-Hydroxy-DATP Diphosphatase; MutT Human Homolog 1; EC 3.6.1.56; EC 3.6.1.-

Background:

UniProt Entry: [P36639](#);NCBI Gene Entry: [4521](#)

Application Information

Molecular Weight: Predicted, 18 kDa, observed, 18 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB4060 Species Reactivity: Human Applications Used: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human MTH1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

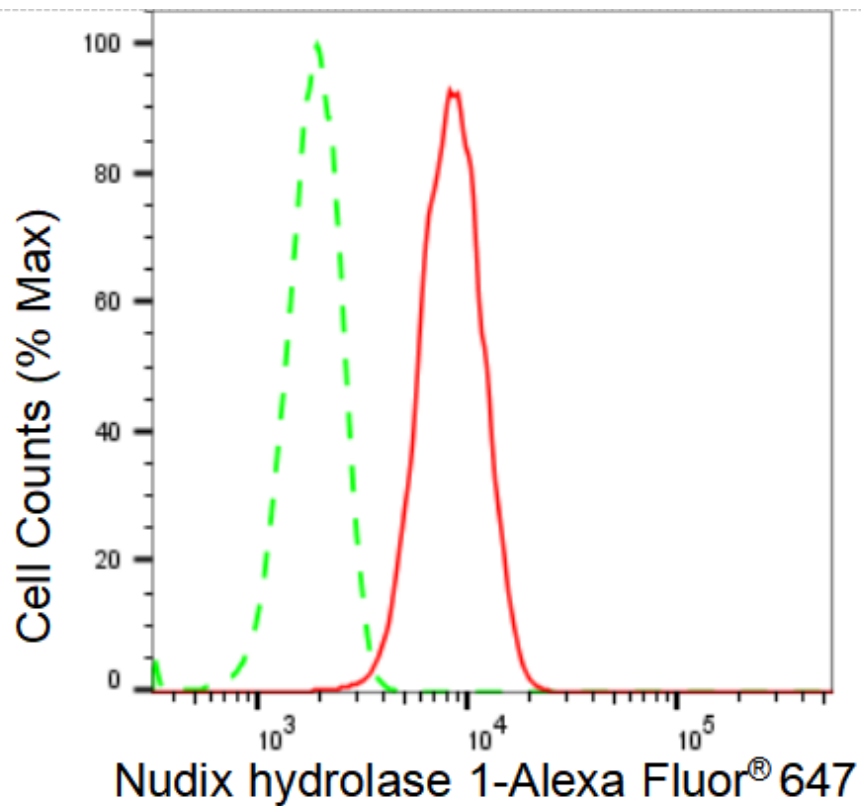
Store at -20 °C for one year.

Recommended Dilutions

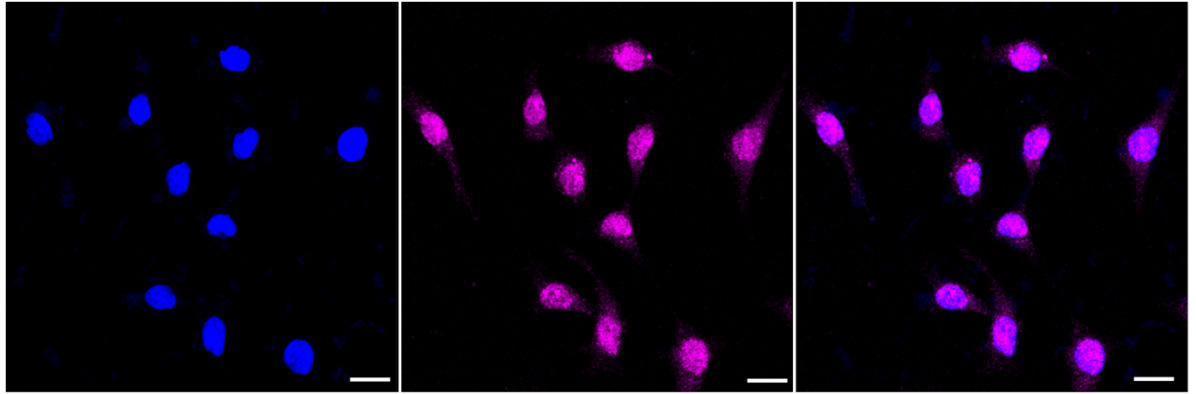
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

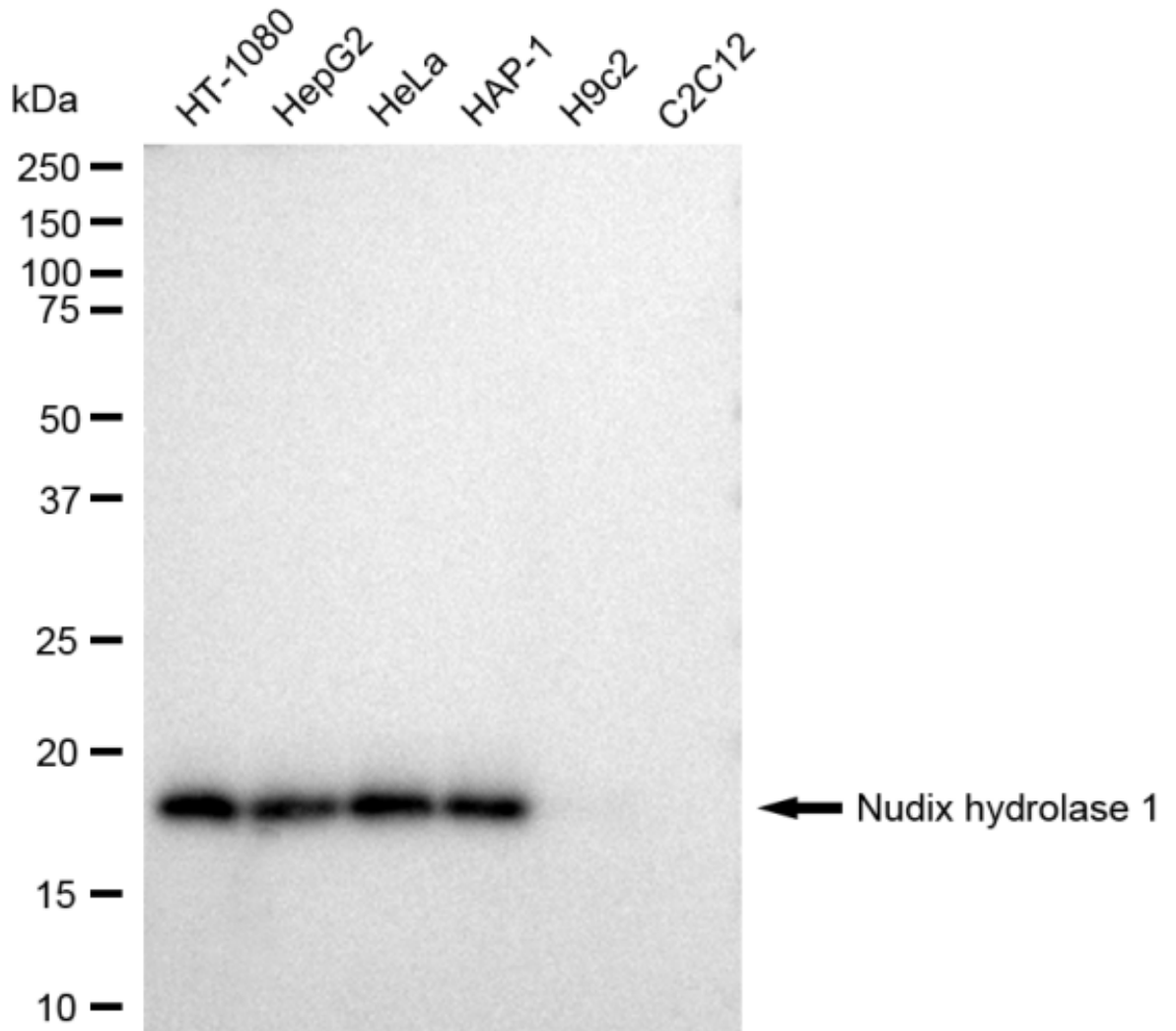
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



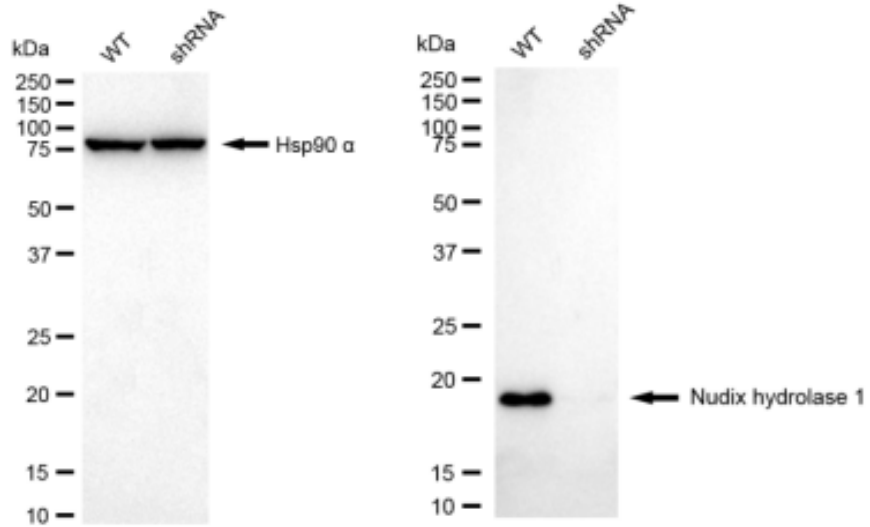
Flow cytometric analysis of Nudix hydrolase 1 expression in HeLa cells using Nudix hydrolase 1 antibody 1:2,000. Green, isotype control; red, Nudix hydrolase 1.



Immunocytochemical staining of HeLa cells with Nudix hydrolase 1 antibody 1:1,000. Nuclei were stained blue with DAPI; Nudix hydrolase 1 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-Nudix hydrolase 1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Nudix hydrolase 1 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .