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[KD-Validated] Anti-NDUFS3 Rabbit Monoclonal Antibody

Cat No.: KD-10632

Aliases:

NDUFS3; NADH:Ubiquinone Oxidoreductase Core Subunit S3; NADH Dehydrogenase [Ubiquinone] Iron-Sulfur Protein 3, Mitochondrial; CI-30; NADH Dehydrogenase (Ubiquinone) Fe-S Protein 3, 30kDa (NADH-Coenzyme Q Reductase); NADH-Ubiquinone Oxidoreductase 30 KDa Subunit; Complex I 30kDa Subunit; Complex I-30kD; CI-30kD; NADH Dehydrogenase (Ubiquinone) Fe-S Protein 3 (30kD) (NADH-Coenzyme Q Reductase); NADH Dehydrogenase-Ubiquinone 30 KDa Subunit; EC 1.6.99.5; EC 7.1.1.2; MC1DN8

Background:

UniProt Entry: [O75489](#);NCBI Gene Entry: [4722](#)

Application Information

Molecular Weight: Predicted, 30 kDa, observed, 26 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB2145 Species Reactivity: Human Applications Used: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human NDUFS3

Isotype

Rabbit IgG

Storage Buffer

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

Storage

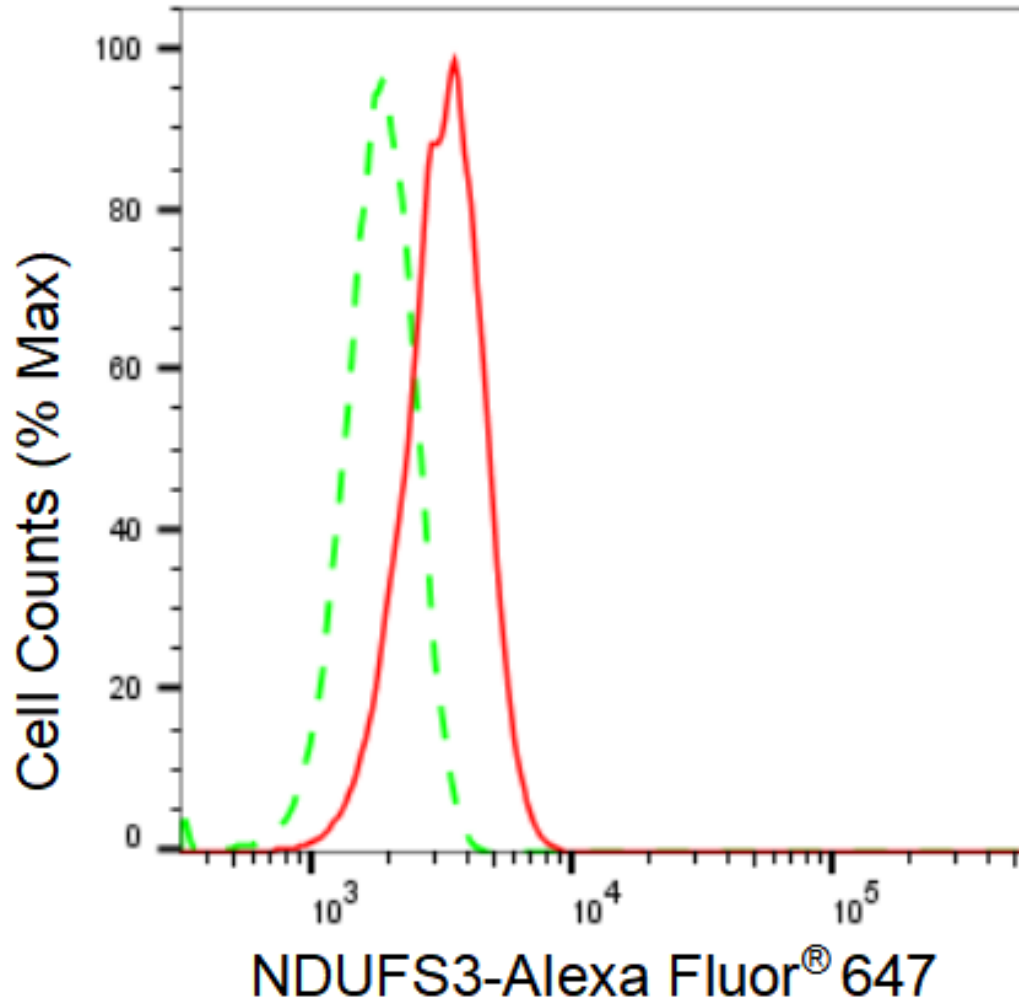
Store at -20 °C for one year.

Recommended Dilutions

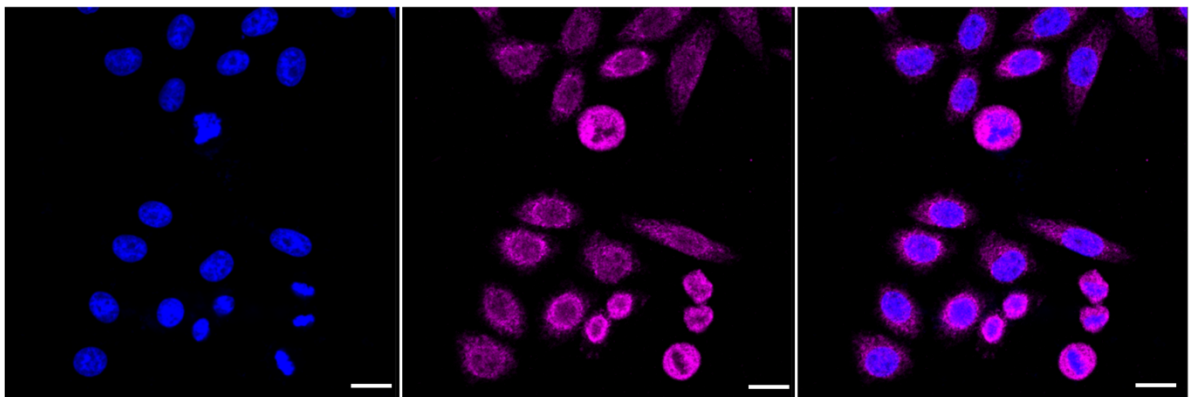
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

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

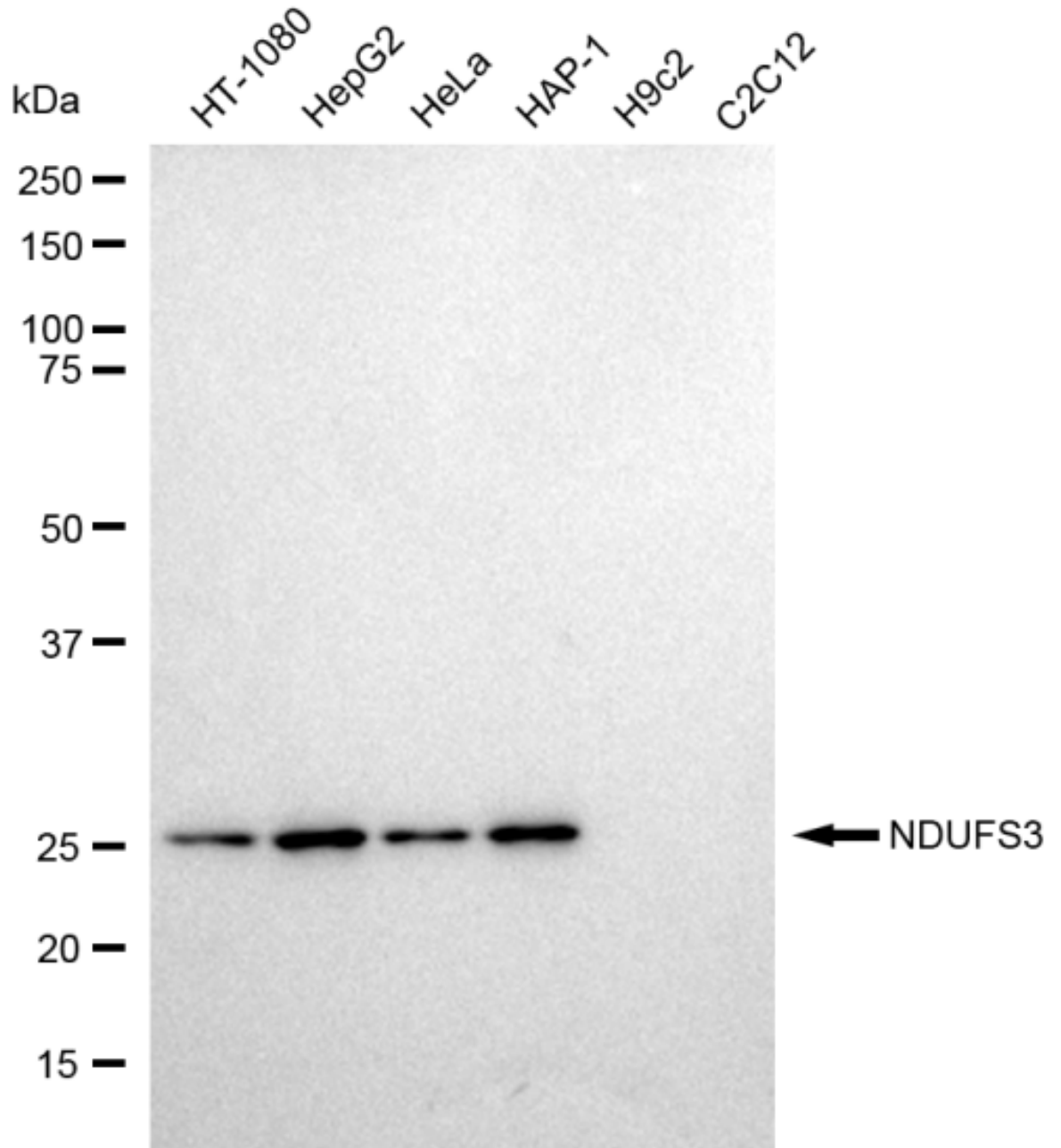


Flow cytometric analysis of NDUFS3 expression in HepG2 cells using NDUFS3 antibody 1:2,000. Green, isotype control; red, NDUFS3.

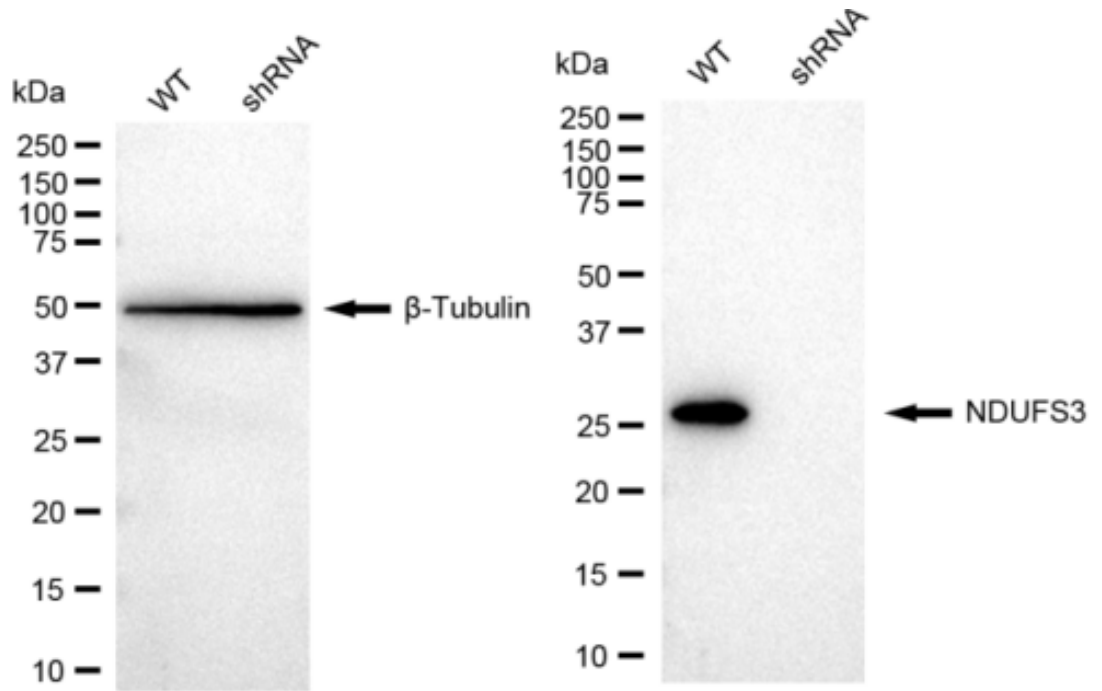


Immunocytochemical staining of HepG2 cells with NDUFS3 antibody 1:1,000. Nuclei were stained blue with DAPI; NDUFS3 was stained magenta with Alexa Fluor® 647.

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-NDUF53 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-NDUFS3 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .