Anti-NDUFB8 Recombinant Rabbit Monoclonal Antibody



Catalog #: 3012

Aliases

NDUFB8; NADH:Ubiquinone Oxidoreductase Subunit B8; CI-ASHI; ASHI; NADH Dehydrogenase [Ubiquinone] 1 Beta Subcomplex Subunit 8, Mitochondrial; NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 8, 19kDa; Complex I ASHI Subunit; Complex I-ASHI; NADH Dehydrogenase (Ubiquinone) 1 Beta Subcomplex, 8 (19kD, ASHI); NADH:Ubiquinone Oxidoreductase ASHI Subunit; NADH-Ubiquinone Oxidoreductase ASHI Subunit; MC1DN32

Background

Gene Name: NDUFB8 NCBI Gene Entry: 4714 UniProt Entry: O95169

Application Information

Molecular Weight: Predicted, 22 kDa; observed, 19 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3625

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human NDUFB8

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

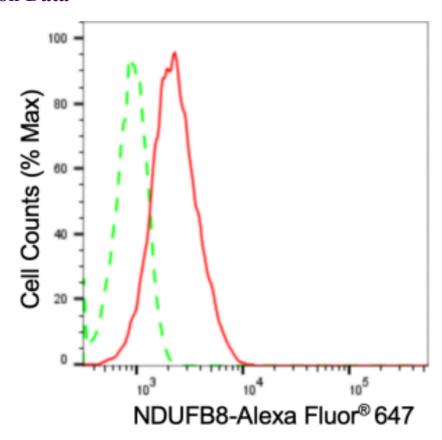
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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

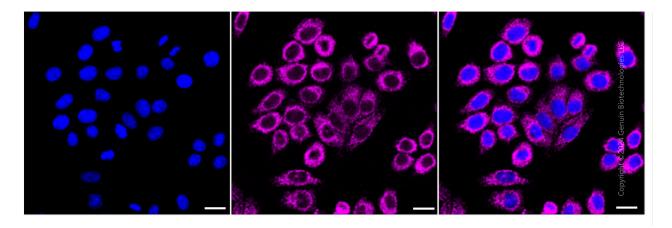
Note: This product is for research use only.

Validation Data



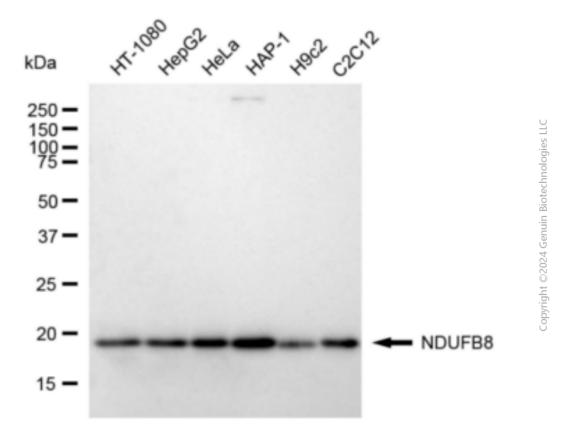
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Flow cytometric analysis of NDUFB8 expression in HepG2 cells using anti-NDUFB8 antibody (Cat#3012, 1:2,000). Green, isotype control; red, NDUFB8.



Immunocytochemical staining of HepG2 cells with anti-NDUFB8 antibody (Cat#3012, 1:1,000) . Nuclei were stained blue with DAPI; NDUFB8 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: $20~\mu m$.

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Western blotting analysis using anti-NDUFB8 antibody (Cat#3012). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NDUFB8 antibody (Cat#3012, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).