

KD-Validated Anti-NDUFB9 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

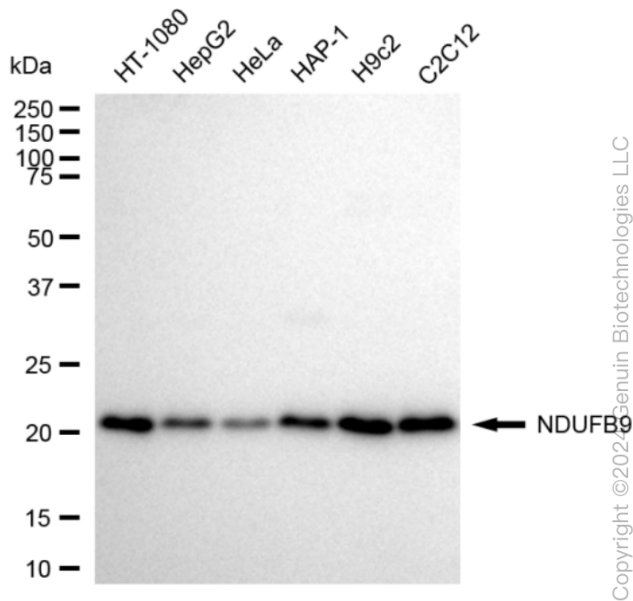
ABG1586

Product Overview

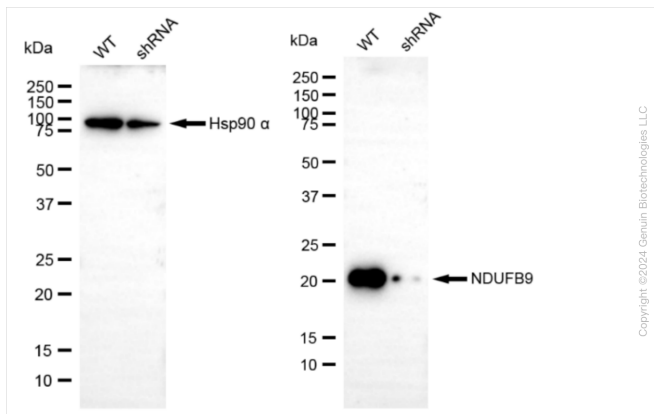
Name	KD-Validated Anti-NDUFB9 Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y6M9
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human NDUFB9
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 22 kDa , observed , 22 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9Y6M9)

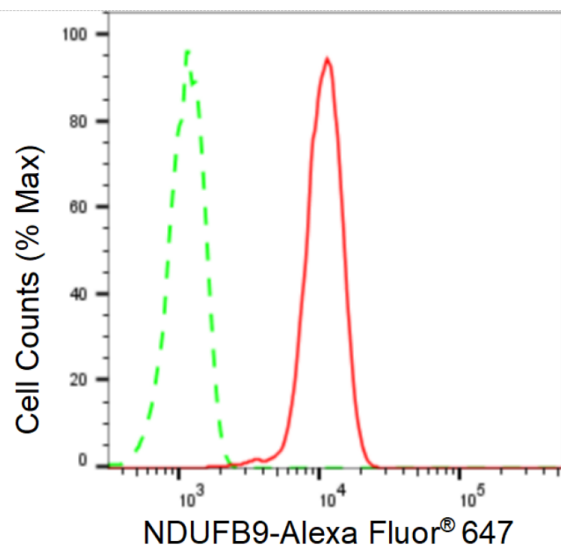
Gene Name	NDUFB9
About Gene Symbol	NDUFB9 (NADH:Ubiquinone Oxidoreductase Subunit B9) is a metabolic dehydrogenase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mec



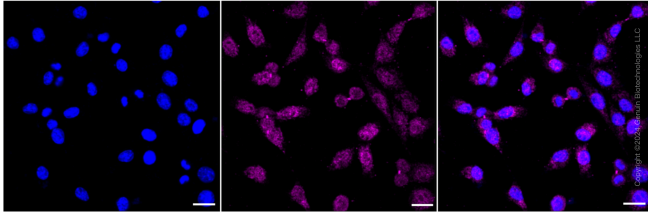
Western blotting analysis using anti-NDUF9 antibody (Cat#ABG1586). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NDUF9 antibody (Cat#ABG1586, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-NDUF9 antibody (Cat#ABG1586). NDUF9 expression in wild type (WT) and NDUF9 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-NDUF9 antibody (Cat#ABG1586, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of NDUF9 expression in C2C12 cells using NDUF9 antibody (Cat#ABG1586, 1:2,000). Green, isotype control; red, NDUF9.



Immunocytochemical staining of C2C12 cells with anti-NDUF9 antibody (Cat#ABG1586, 1:1,000). Nuclei were stained blue with DAPI; NDUF9 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.