

KD-Validated Anti-NAD(P)H Quinone Dehydrogenase 1

Rabbit monoclonal antibody

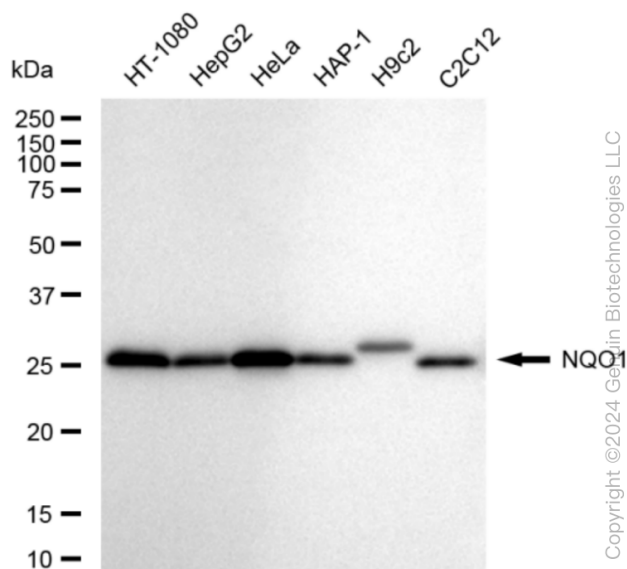
ABG1602

Product Overview

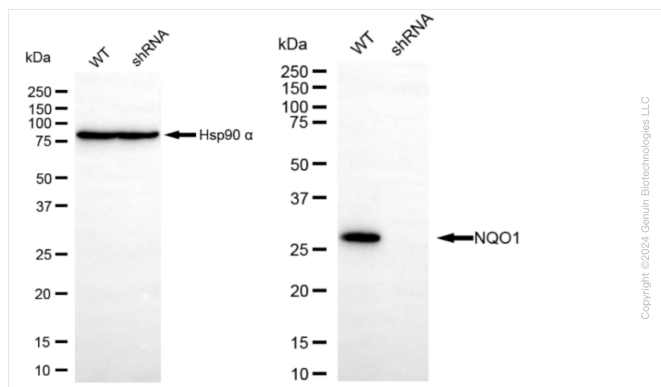
Name	KD-Validated Anti-NAD(P)H Quinone Dehydrogenase 1 Rabbit Monoclonal Antibody
Accession(Primary)	P15559
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human NQO1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 31 kDa , observed , 29 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 (P15559)

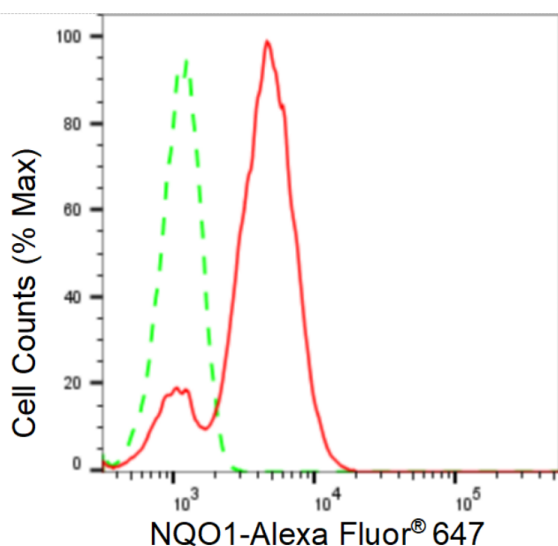
Gene Name	NQO1
About Gene Symbol	NQO1 (NAD(P)H Quinone Dehydrogenase 1) is a metabolic dehydrogenase involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and



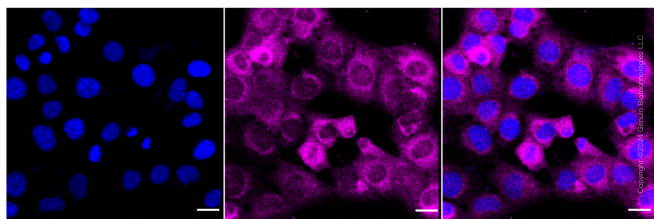
Western blotting analysis using anti-NQO1 antibody (Cat#ABG1602). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NQO1 antibody (Cat#ABG1602, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-NQO1 antibody (Cat#ABG1602). NQO1 expression in wild type (WT) and NQO1 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-NQO1 antibody (Cat#ABG1602, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of NQO1 expression in HT-1080 cells using NQO1 antibody (Cat#ABG1602, 1:2,000). Green, isotype control; red, NQO1.



Immunocytochemical staining of HT-1080 cells with anti-NQO1 antibody (Cat#ABG1602, 1:1,000). Nuclei were stained blue with DAPI; NQO1 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.