

Product Name: NQO1 (8F17) Rabbit Monoclonal Antibody**Catalog #: AMRe14864**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:2000-1:10000,ICC/IF 1:100-1:200,FC 1:20-1:50,IP 1:20-1:50
Molecular Weight	31kDa

Antigen Information

Gene Name	NQO1
Alternative Names	Azoreductase; DT-diaphorase; DTD; QR1; NQO1; DIA4; NMOR1;
Gene ID	1728.0
SwissProt ID	P15559
Immunogen	A synthetic peptide of human NQO1

Background

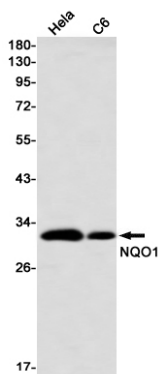
NAD(P)H:quinone oxidoreductase 1 (NQO1) is a flavoprotein that catalyzes the two-electron reduction of quinones and their derivatives. The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinons

involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis. The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinons involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.

Research Area

Signal Transduction

Image Data



Western blot detection of NQO1 in HeLa, C6 cell lysates using NQO1 antibody(1:1000 diluted)