

Mouse anti-Human NQO1 Monoclonal Antibody | anti-NQO1 antibody

NQO1 (NAD(P)H Dehydrogenase [Quinone] 1, Azoreductase, DT-diaphorase, DTD, QR1, Menadione Reductase, NAD(P)H:quinone Oxidoreductase 1, Phylloquinone Reductase, Quinone Reductase 1, DIA4, NMOR1) APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24589	Mouse	Human	ELISA, Immunofluorescence, Immunoprecipitation, Western Blot

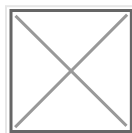
PRODUCT SYNONYMS

NQO1; Monoclonal Antibody; NQO1 (NAD(P)H Dehydrogenase [Quinone] 1; Azoreductase; DT-diaphorase; DTD; QR1; Menadione Reductase; NAD(P)H:quinone Oxidoreductase 1; Phylloquinone Reductase; Quinone Reductase 1; DIA4; NMOR1) APC; anti-NQO1 antibody

PRODUCT SPECIFICATIONS

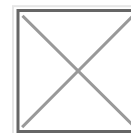
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1E3-A6
Specificity	Recognizes human NQO1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Sequence Length	1121
Applicable Applications for anti-NQO1 antibody	ELISA, IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-274 from human NQO1 (AAH07659) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MVGRRALIVLAHSERTSFNYAMKEAAAAALKKKGWVVDLYAMNPNPIISRKDITGKLKDPANFQYPAESVLAYKEGHLSPDIVAEQKKLEAADLVIFQF
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo

IMAGES



WB (Western Blot)

Western Blot analysis of NQO1 expression in transfected 293T cell line by NQO1 monoclonal antibody. Lane 1: NQO1 transfected lysate (30.9kD). Lane 2: Non-transfected lysate.



WB (Western Blot)

Western Blot analysis of NQO1 expression in HepG2.



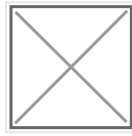
WB (Western Blot)

Western blot analysis of NQO1 over-expressed 293 cell line, cotransfected with NQO1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with NQO1 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



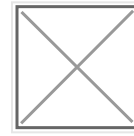
Application Data

Detection limit for recombinant GST tagged NQO1 is ~0.3ng/ml as a capture antibody



IP (Immunoprecipitation)

Immunoprecipitation of NQO1 transfected lysate using NQO1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NQO1 rabbit polyclonal antibody.



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to NQO1 on HepG2 cell. [antibody concentration 10ug/ml]

ADDITIONAL INFORMATION

Product Categories/Family for anti-NQO1 antibody

[Antibodies](#); [Enzymes](#); [Dehydrogenase](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	33869540
NCBI GeneID	1728
NCBI Official Full Name	Homo sapiens NAD(P)H dehydrogenase, quinone 1, mRNA
NCBI Official Synonym Full Names	NAD(P)H quinone dehydrogenase 1
NCBI Official Symbol	NQO1
NCBI Official Synonym Symbols	DTD; QR1; DHQU; DIA4; NMOR1; NMORI
NCBI Protein Information	NAD(P)H dehydrogenase [quinone] 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nqo1-antibody-clone-1e3-a6-immunofluorescence-immunoprecipitation-western-blot-elisa/24589>