

Product datasheet for **TA504782AM**

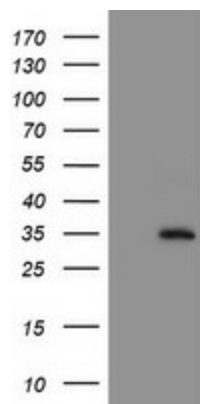
NQO2 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5F6]

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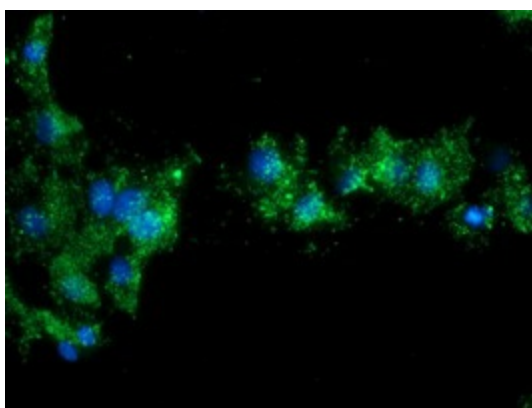
Product Type:	Primary Antibodies
Clone Name:	OTI5F6
Applications:	IF, WB
Recommended Dilution:	WB 1:1000, IF 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NQO2(NP_000895) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	25.7 kDa
Gene Name:	N-ribosyldihyronicotinamide:quinone reductase 2
Database Link:	NP_000895 Entrez Gene 4835 Human P16083
Background:	NQO2 (EC 1.10.99.2) is a flavoprotein that catalyzes the 2-electron reduction of various quinones, redox dyes, and the vitamin K menadione. NQO2 predominantly uses dihyronicotinamide riboside (NRH) as the electron donor (summary by Wu et al., 1997 [PubMed 9367528]). [supplied by OMIM]
Synonyms:	DHQV; DIA6; NMOR2; QR2



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NQO2 ([RC202889], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NQO2. Positive lysates [LY424463] (100ug) and [LC424463] (20ug) can be purchased separately from OriGene.



Anti-NQO2 mouse monoclonal antibody ([TA504782]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NQO2 ([RC202889]).