# Product datasheet for TA504782BM

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

## Product data:

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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. |
| **Concentration:** | 0.5 mg/ml |
| **Purification:** | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| **Conjugation:** | HRP |
| **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-ribosyldihydronicotinamide:quinone reductase 2 |
| **Database Link:** | NP_000895<br>Entrez Gene 4835 Human<br>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 dihydronicotinamide 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:
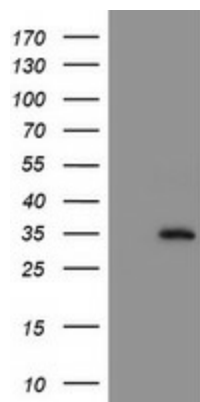


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NQO2 ([RC202889], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NQO2. Positive lysates [LY424463] (100ug) and [LC424463]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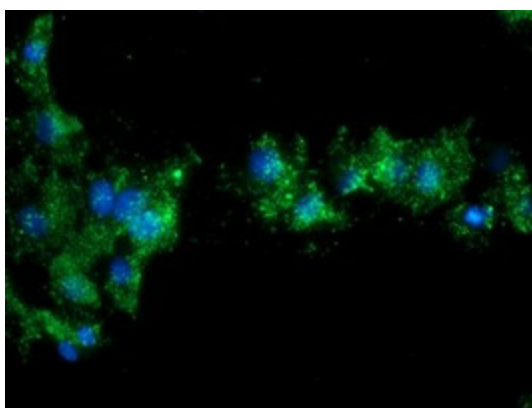


Anti-NQO2 mouse monoclonal antibody ([TA504782]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NQO2 ([RC202889]).