

Product Datasheet

NQO-1 Antibody (1E3-A6) - Azide and BSA Free H00001728-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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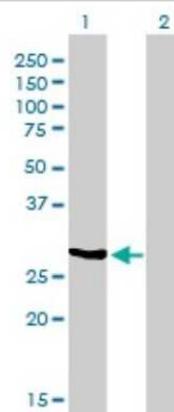
H00001728-M01

NQO-1 Antibody (1E3-A6) - Azide and BSA Free

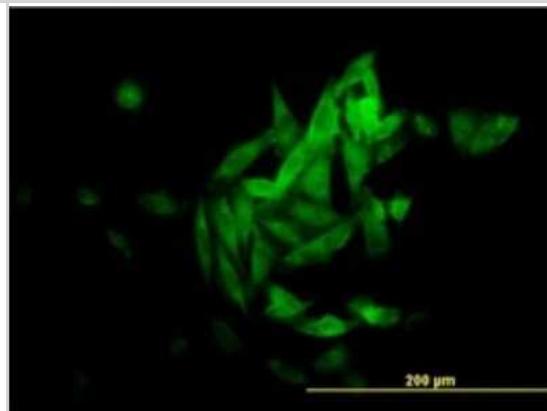
| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 1E3-A6 |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Description | Quality control test: Antibody Reactive Against Recombinant Protein. |
| Host | Mouse |
| Gene ID | 1728 |
| Gene Symbol | NQO1 |
| Species | Human |
| Specificity/Sensitivity | NQO1 - NAD(P)H dehydrogenase, quinone 1 |
| Immunogen | NQO1 (AAH07659, 1 a.a. ~ 274 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MVGRRALIVLAHSERTSFNYAMKEAAAAALKKKGWEVVEDLYAMNPNPIISRK DITGKCLKDPANFQYPAESVLAYKEGHLSPDIVAEQKKLEAADLVIFQFPLQWFG VPAILKGWFERVFIGEFAYTYAAMYDKGPFRRSKKAVLSITGGSGSMYSLQGIH GDMNVILWPIQSGILHFCGFQVLEPQLTYSIGHTPADARIQILEGWKKRLENIWD ETPLYFAPSSLFDLNFQAGFLMKKEVQDEEKNNKFGLSVGHHLGKSIPTDNQIK ARK |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA, Knockdown Validated |
| Recommended Dilutions | Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA, Knockdown Validated |
| Application Notes | Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, RNAi Validation and ELISA. |

Images

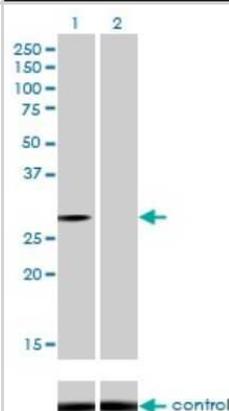
Western Blot: NQO-1 Antibody (1E3-A6) [H00001728-M01] - Analysis of NQO1 expression in transfected 293T cell line by NQO1 monoclonal antibody (M01), clone 1E3-A6. Lane 1: NQO1 transfected lysate (30.9 kDa). Lane 2: Non-transfected lysate.



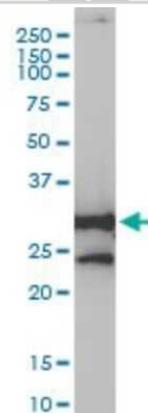
Immunocytochemistry/Immunofluorescence: NQO-1 Antibody (1E3-A6) [H00001728-M01] - Analysis of monoclonal antibody to NQO1 on HepG2 cell. Antibody concentration 10 ug/ml.



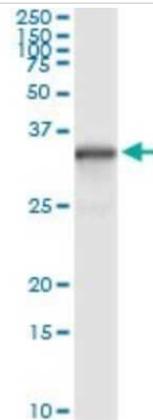
Western Blot: NQO-1 Antibody (1E3-A6) [H00001728-M01] - Analysis of NQO1 over-expressed 293 cell line, cotransfected with NQO1 Validated Chimera RNAi (Cat # H00001728-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with NQO1 monoclonal antibody (M01), clone 1E3-A6 (Cat # H00001728-M01). GAPDH (36.1 kDa) used as specificity and loading control.



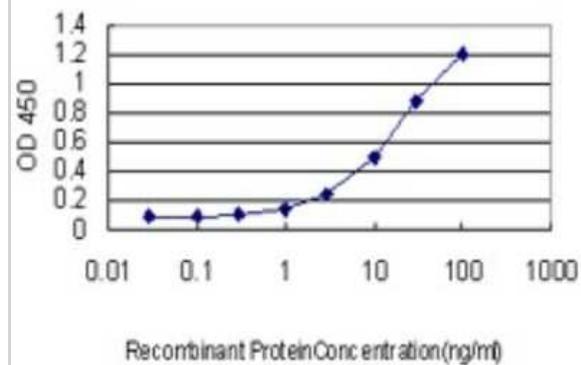
Western Blot: NQO-1 Antibody (1E3-A6) [H00001728-M01] - NQO1 monoclonal antibody (M01), clone 1E3-A6 Analysis of NQO1 expression in HepG2.



Immunoprecipitation: NQO-1 Antibody (1E3-A6) [H00001728-M01] - Analysis of NQO1 transfected lysate using anti-NQO1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NQO1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: NQO-1 Antibody (1E3-A6) [H00001728-M01] - Detection limit for recombinant GST tagged NQO1 is approximately 0.3ng/ml as a capture antibody.





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Products Related to H00001728-M01

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| NBP1-85223PEP | NQO-1 Recombinant Protein Antigen |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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