

Recombinant NQO1 Monoclonal Antibody

catalog number: **AN300158P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

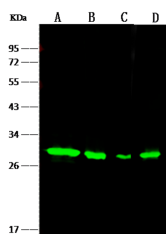
Reactivity	Human
Immunogen	Recombinant Human NQO1 Protein
Host	Rabbit
Isotype	IgG
Clone	5B11
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with NQO1 Monoclonal Antibody at dilution of

1:500. Lane A: A549 Whole Cell Lysate, Lane B: MCF7

Whole Cell Lysate, Lane C: Raji Whole Cell Lysate, Lane D:

HepG2 Whole Cell Lysate

Observed-MW:31 kDa

Calculated-MW:31 kDa

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

This gene is a member of the NAD(P)H dehydrogenase (quinone) family and encodes a cytoplasmic 1-electron reductase. This FAD-binding protein forms homodimers and reduces quinones to hydroquinones. This protein's enzymatic activity prevents the one electron reduction of quinones that results in the production of radical species. Mutations in this gene have been associated with tardive dyskinesia (TD), an increased risk of hematotoxicity after exposure to benzene, and susceptibility to various forms of cancer. Altered expression of this protein has been seen in many tumors and is also associated with Alzheimer's disease (AD). Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

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