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# **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

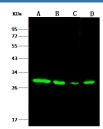
HostRabbitIsotypeIgGCloneA1272PurificationProtein A

Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

WB 1:500-1:2000

#### 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.

Rev. V1.1

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.

## For Research Use Only

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