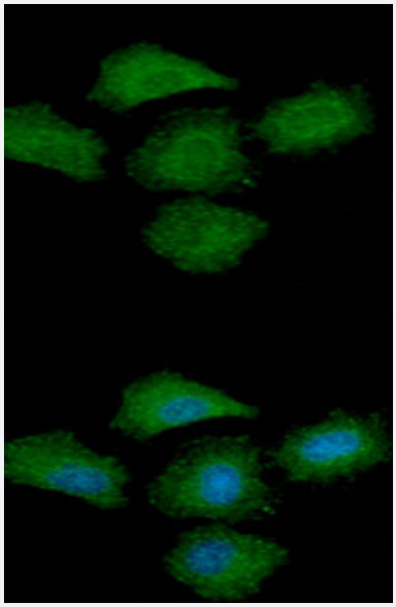
NQO2 monoclonal antibody, clone AT1E3

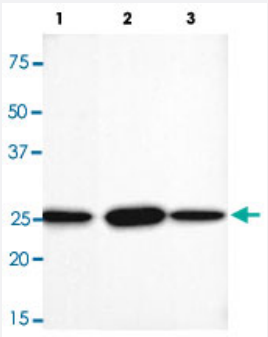
Catalog # MAB9720 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence analysis of A549 cells. The cell was stained with NQO2 monoclonal antibody, clone AT1E3 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



Western Blot (Cell lysate)

Western blot analysis of Lane 1: HeLa cell lysate, Lane 2: K562 cell lysate, Lane 3: A549 cell lysate.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant NQO2.
Immunogen	Recombinant protein corresponding to amino acids 1-231 of human NQO2.
Host	Mouse

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Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Concentration	1 mg/mL
Isotype	IgG1, kappa
Recommend Usage	ELISA Immunocytochemistry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescence analysis of A549 cells. The cell was stained with NQO2 monoclonal antibody, clone AT1E3 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

- Immunocytochemistry

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  Western blot analysis of Lane 1: HeLa cell lysate, Lane 2: K562 cell lysate, Lane 3: A549 cell lysate.

Gene Info — NQO2

Entrez GeneID	4835
Protein Accession#	AAH06096
Gene Name	NQO2

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Gene Alias	DHQV, DIA6, NMOR2, QR2
Gene Description	NAD(P)H dehydrogenase, quinone 2
Omim ID	160998
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	NAD(P)H menadione oxidoreductase 2, dioxin-inducible|NAD(P)H menadione oxidoreductase-1, dioxin-inducible-2|OTTHUMP00000015948|OTTHUMP00000015949|OTTHUMP00000015953

Disease

- Agranulocytosis
- Alcohol Withdrawal Delirium
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Chromosome Deletion
- Cognition Disorders
- Disease Susceptibility
- Genetic Predisposition to Disease
- Hallucinations
- Leukemia
- Mental Recall
- Myelodysplastic Syndromes
- Neuropsychological Tests
- Pancreatitis
- Parkinson disease
- Psychoses

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- Schizophrenia
- Tobacco Use Disorder
- Urinary Bladder Neoplasms

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