

## Product datasheet for TA301418

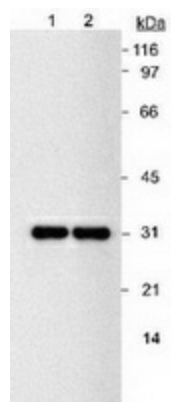
### NQO1 Mouse Monoclonal Antibody [Clone ID: A180]

#### Product data:

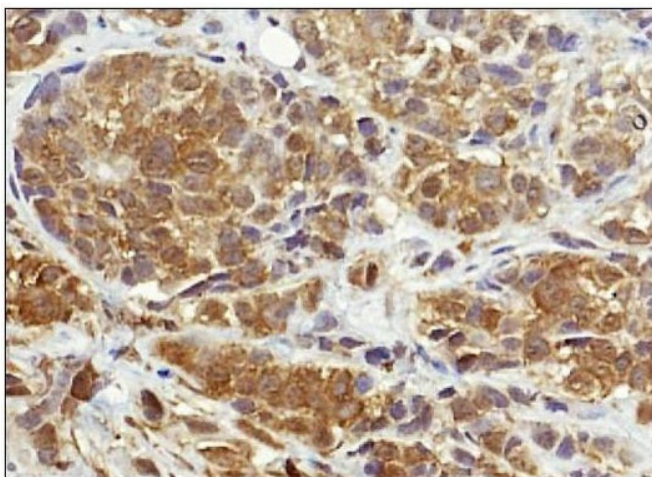
Product Type:	Primary Antibodies
Clone Name:	A180
Applications:	IF, IHC, WB
Recommend Dilution:	WB: 1: 1000-1: 10,000
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length recombinant NQO1 (from human lung).
Formulation:	Tris-glycine and 150mM NaCl and Sodium Azide
Purification:	IgG purified
Gene Name:	NAD(P)H quinone dehydrogenase 1
Database Link:	<a href="#">NP_000894</a> <a href="#">Entrez Gene 24314 Rat</a> <a href="#">Entrez Gene 1728 Human</a>
Background:	NQO1 is a 2-electron reductase that detoxifies quinones derived from the oxidation of phenolic metabolites of benzene. Individuals homozygous for the T/T form of the 609C-T polymorphism have an increased risk of benzene hematotoxicity.
Synonyms:	DHQU; DIA4; DTD; NMOR1; NMORI; QR1
Protein Families:	Druggable Genome



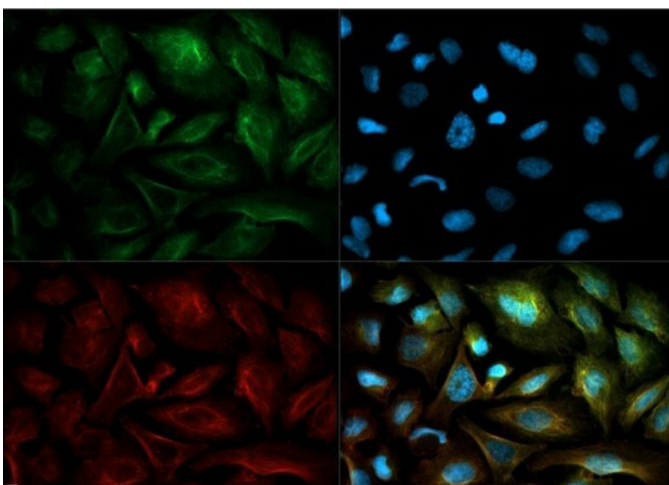
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**Product images:**

Detection of NQO1 in A549 lysates. Lane 1: 0.5 ug/ml. Lane 2: 2 ug/ml. Exposure: 1 second



Immunohistochemistry: Analysis of NQO1 in human breast cancer using DAB with hematoxylin counterstain.



Immunocytochemistry/Immunofluorescence:  
NQO1 antibody was tested in U2OS cells with  
Dylight 488 (green). Nuclei and beta-tubulin were  
counterstained with DAPI (blue) and Dylight 550  
(red).