

For Research Use Only

# NQO2 Monoclonal antibody

Catalog Number: 68487-1-Ig



## Basic Information

<b>Catalog Number:</b> 68487-1-Ig	<b>GenBank Accession Number:</b> BC006096	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 4835	<b>CloneNo.:</b> 1D9B5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P16083	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG1	<b>Full Name:</b> NAD(P)H dehydrogenase, quinone 2	
<b>Immunogen Catalog Number:</b> AG8156	<b>Calculated MW:</b> 231 aa, 26 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, rabbit kidney tissue, HeLa, K-562, TF-1
<b>Species Specificity:</b> Human, mouse, rabbit	

## Background Information

NQO2, also named as QR2 and NMOR2, belongs to the NAD(P)H dehydrogenase (quinone) family. It serves as a quinone reductase in connection with conjugation reactions of hydroquinones involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis. The cytosolic quinone oxidoreductases NQO1 and NQO2 protect cells against oxidative stress by detoxifying quinones and preventing redox cycling. NQO1 and NQO2 are important endogenous factors in regulation of immune response and autoimmunity.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

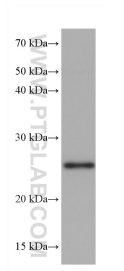
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

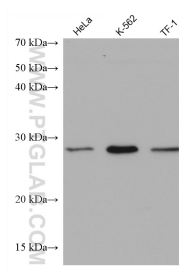
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



rabbit kidney tissue were subjected to SDS PAGE followed by western blot with 68487-1-Ig (NQO2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68487-1-Ig (NQO2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.