

For Research Use Only

NQO2 Monoclonal antibody

Catalog Number: 68487-1-Ig



Basic Information

Catalog Number: 68487-1-Ig	GenBank Accession Number: BC006096	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4835	CloneNo.: 1D9B5
Source: Mouse	UNIPROT ID: P16083	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: NAD(P)H dehydrogenase, quinone 2	
Immunogen Catalog Number: AG8156	Calculated MW: 231 aa, 26 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, rabbit kidney tissue, HeLa, K-562, TF-1
Species Specificity: 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

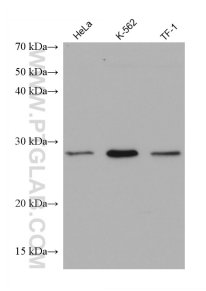
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

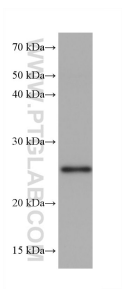
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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.



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.