

For Research Use Only

CoraLite® Plus 488-conjugated NQO2 Polyclonal antibody



Catalog Number: CL488-15767

Featured Product

Basic Information

Catalog Number: CL488-15767	GenBank Accession Number: BC006096	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4835	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: NAD(P)H dehydrogenase, quinone 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 231 aa, 26 kDa	
Immunogen Catalog Number: AG8403	Observed MW: 26 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse	

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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

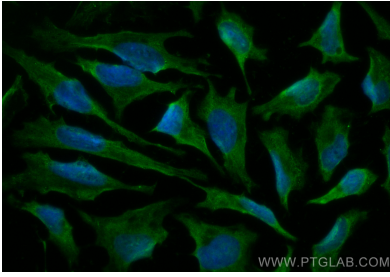
For technical support and original validation data for this product please contact:

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 NQO2 antibody (CL488-15767) at dilution of 1:200.