

For Research Use Only

# CoraLite® Plus 488-conjugated NQO2 Polyclonal antibody

Catalog Number: CL488-15767

Featured Product



## Basic Information

Catalog Number:

CL488-15767

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8403

GenBank Accession Number:

BC006096

GeneID (NCBI):

4835

UNIPROT ID:

P16083

Full Name:

NAD(P)H dehydrogenase, quinone 2

Calculated MW:

231 aa, 26 kDa

Observed MW:

26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : HeLa cells,

## 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

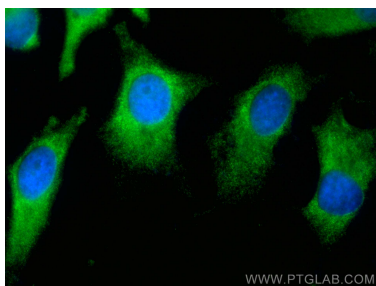
For technical support and original validation data for this product please contact:

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## 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.