

NQO1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02801-1**

Capture Antibody Information

Catalog Number:
86693-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251713F8
Reactivity:
human
GenBank:
BC007659
Immunogen Catalog Number:
Ag2009

Conjugate:
Unconjugated
Full name:
NAD(P)H dehydrogenase, quinone 1
Gene ID:
1728

Detection Antibody Information

Catalog Number:
86693-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251713C3
Reactivity:
human, mouse, rat
GenBank:
BC007659
Immunogen Catalog Number:
Ag2009

Conjugate:
Unconjugated
Full name:
NAD(P)H dehydrogenase, quinone 1
Gene ID:
1728

Applications

Tested Applications:
Sandwich ELISA

Range:
1.56-100 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP02801-1 targets NQO1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: NQO1 Recombinant monoclonal antibody, PBS Only (Capture) 86693-1-PBS (251713F8). 100 µg. Concentration 1 mg/mL.

Detection antibody: NQO1 Recombinant monoclonal antibody, PBS Only (Detector) 86693-2-PBS (251713C3). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

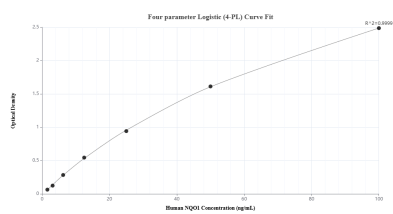
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

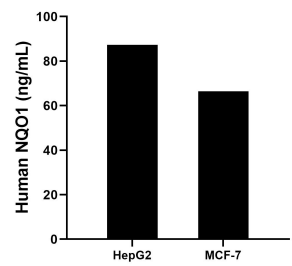
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP02801-1, Human NQO1 Recombinant Matched Antibody Pair - PBS only. 86693-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2009. 86693-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean NQO1 concentration was determined to be 87.24 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 66.51 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.